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The Commonwealth of Massachusetts

ANNUAL REPORT

OF THE

TRUSTEES

OF THE

TAUNTON STATE HOSPITAL

FOR THE

YEAR ENDING NOVEMBER 30, 1928

DEPARTMENT OF MENTAL DISEASES



MAY 29 1930

TAUNTON STATE HOSPITAL

MASS. OFFICIALS

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 JULIUS H. FARIBAULT, M.D., *Senior Assistant Physician*.
 NAOMI RASKIN, M.D., *Senior Assistant Physician, Pathology*.
 FRANK O. KING, M.D., *Assistant Physician*.
 MAURICE A. R. HENNESSY, M.D., *Assistant Physician*.
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 ————, *Assistant Physician*.
 ————, *Assistant Physician*.
 ————, *Assistant Physician*.
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TRUSTEES' REPORT.

To His Excellency the Governor and the Honorable Council:

The trustees of the Taunton State Hospital present herewith the seventh annual report, together with the Superintendent's report, financial reports and statistical tables.

There have been no changes in the personnel of the Board during the past year. Arthur B. Reed, North Abington, Chairman, was reappointed in the spring of this year and subsequently re-elected Chairman.

The meetings, both regular and special, have been well attended, and the hospital has been inspected by committees appointed by the Chairman.

We have been able to continue the building program, which has been outlined in previous reports, this year. The new Industrial Building, furnishing quarters for all of our shops, is now in operation, as is also the new Storehouse and Bakery. All of these units are working out very well, especially the Storehouse and the department for vegetable preparation and canning, located in the basement of the Storehouse. It is believed that the experience we have had thus far in having this work located at some distance from the kitchen is a great improvement over the old method of doing this work either in, or very near the kitchen. We

able to store practically all of our materials on hand under one roof. This certainly make for better storekeeping.

The transportation of coal to the Boiler Room through the new tunnel was started the fall of this year. The Boiler Room is equipped with an auxiliary coal pocket holding a week's supply of coal. This is kept filled at all times, and in the case of bad weather it is not necessary for the men to work out of doors.

Four buildings in the new Salvage Yard are practically completed and we hope that the fifth will be completed during the coming year. It is our intention to put this unit into active use early in the coming year. Ample space for the storage of materials not in use has been provided, and it is believed that careful preservation of these articles will make for a large saving to the Commonwealth.

The new Employees' Home was occupied during the spring of this year, and has been found to be a very comfortable place by those who are quartered there.

An appropriation of \$140,000 was made this year to start the renovation of the rear center building. This will enable us to have a new kitchen, library and quarters for approximately twenty employees. The contract was let rather late in the fall, but due to the open winter the work is progressing rapidly, and will probably be completed in the spring of the coming year.

The rate at which our program is progressing is very gratifying, and we urge strongly that it be continued.

Appropriations have been asked for the following purposes during the coming year, and it is hoped they will all be granted: Kitchen and cafeteria equipment, \$5,000; two officers' cottages, \$12,000; Superintendent's house, \$30,000; continuation of renovation of rear center, \$140,000.

For the past several years we have mentioned the need of continuance of a fire protection program, and as we realize very keenly the danger from a conflagration in an institution such as ours, we feel that this matter must again be brought to your attention. Appropriations for purposes related to this program have been asked for under "Repairs and Renewals," and we sincerely hope that they will receive careful consideration.

We are now looking forward to the time when it will be possible to begin the construction of our new hospital group. This is also a part of our ten year program, and from the standpoint of the care and comfort of the patients, perhaps more necessary than any of the other items. In this new group quarters will be provided for all the classes requiring special treatment. The old building serves very well as a dormitory section, but our equipment for special treatment is not at all satisfactory. The addition of new beds will also serve to relieve the over-crowded condition which is constantly increasing.

We are very pleased to report that the hospital was visited during the year by: Lieutenant Governor Frank G. Allen, Councilors Francis W. Aldrich, Pehr G. Ames, Esther M. Andrews and James F. Powers, Representatives Woolfenden Hall, Senator Nicholson, Hon. Charles P. Howard, Chairman, Commission on Administration and Finance, and Mr. Carl Raymond, Budget Commissioner. The Commissioner of our Department, Dr. George M. Kline, visited the hospital on several occasions as did also other members of his staff.

In conclusion, we wish to express our appreciation for the assistance rendered during the year by the Department of Mental Diseases, as well as by the many other Departments that have been co-operative. To yourself as well as members of our Council and members of the General Court, we are extremely grateful.

ARTHUR B. REED, *Chairman*,
JULIUS BERKOWITZ,
MARY B. BESSE,

ASA A. MILLS,

ELIZABETH C. M. GIFFORD,
CHARLES C. CAIN, JR.,
SAMUEL M. STONE,

Trustees.

SUPERINTENDENT'S REPORT.

To the Trustees of the Taunton State Hospital:

The seventy-fifth annual report of the Superintendent of the Taunton State Hospital, for the fiscal year ending November 30, 1928, is respectfully submitted for your consideration.

The statistical tables relative to patients, cover the period beginning October 1, 1927, and ending September 30, 1928.

MOVEMENT OF POPULATION.

On Sept. 30, 1927, a grand total of 1,637 patients, including 761 men and 876 women were on the books of the Taunton State Hospital. During the year ending September 30, 1928, 502 patients were received. Of this number, 36 men and 39 women, a total of 75, came as readmissions, and 4 men and 2 women, a total of 6, were transferred to this hospital from other hospitals.

Four hundred and seventy-three patients, including 230 men and 243 women were discharged during the same period. Of this number, 121 men and 113 women, a total of 234, were returned to the community. 102 men and 83 women, a total of 185, died, and 7 men and 47 women, a total of 54, were transferred to other institutions.

The census on September 30, 1928, was as follows: In the hospital, 721 men and 742 women, a total of 1,463. In family care, 6 women. On visit and escape, 101 men and 96 women, a total of 197, making a grand total of 1,666, including 822 men and 844 women on the books of the hospital. The total number of patients under treatment during the year was 2,139, including 1,052 men and 1,087 women.

Of the 421 first admissions, only 367 were actually committed to the hospital, the remaining 52 being under temporary care and 2 voluntary. Of the 77 first admissions, 69 were committed; 5 were under temporary care, and there were 3 voluntary sane.

Nativity. Of the 367 committed first admissions, 127 men and 68 women, a total of 195, were born in the United States, and 91 men and 81 women, a total of 172, were born in other countries, the percentage of native born being 53.1% and foreign born 46.87%.

Citizenship. Of the 367 committed first admissions, 195 or 53.13% were citizens by birth, 64 or 17.44% were citizens by naturalization, 99 or 26.98% were aliens, and 9 or 2.45% were unascertained.

Mental Diagnosis. The different forms of mental disease shown by the committed first admissions were as follows: Dementia præcox, 92 or 25.0%; traumatic psychosis, 1 or .27%; senile psychosis, 39 or 10.63%; psychosis with cerebral arteriosclerosis, 36 or 9.81%; general paralysis, 24 or 6.54%; psychosis with cerebral syphilis, 2 or .54%; psychosis with Huntington's chorea, 1 or .27%; psychosis with other brain or nervous diseases, 4 or 1.09%; alcoholic psychosis, 3 or 0.81%; psychosis with other somatic diseases, 5 or 1.36%; manic depressive psychosis, 21 or 5.72%; involution melancholia, 26 or 7.08%; paranoia and paranoid condition, 17 or 4.63%; epileptic psychosis, 6 or 1.64%; psychoneurosis and neurasthenia, 9 or 2.45%; psychosis with psychopathic personality, 3 or .82%; psychosis with mental deficiency, 8 or 2.18%; undiagnosed psychosis, 36 or 9.82%; with other forms of psychosis, 1 or .27%.

For further information concerning psychoses of first admissions, see statistical tables.

Age. Of the 367 committed first admissions, 102 or 27.79% were over 60 years of age, 126 or 34.33% were between 40 and 60, 127 or 34.61% were between 20 and 40, and 12 or 3.27% were under 20.

Education. Of the 367 committed first admissions, 28 or 7.63% were illiterate, 69 or 18.80% could read and write, 215 or 58.58% had a common school education, 35 or 9.54% a high school education, 8 or 2.18% had college education, and 12 or 3.27% were unascertained.

Environment. Of the 367 committed first admissions, 334 or 91.01% were classified as urban, 32 or 8.72% rural, and 1 or .27% were unascertained.

READMISSIONS.

the 69 patients readmitted, the diagnoses were as follows: General paralysis, 2.90%; manic depressive psychosis, 15 or 21.74%; paranoia or paranoid condition, 3 or 4.35%; senile psychosis, 1 or 1.45%; psychosis with other brain or nervous diseases, 1 or 1.45%; alcoholic psychosis, 5 or 7.25%; involution melancholia, 5 or 7.25%; dementia præcox, 20 or 28.98%; psychosis with mental deficiency, 4 or 5.79%; undiagnosed, 9 or 13.04%; without psychosis, 1 or 1.45%; epilepsies, 2 or 2.90%; psychoneuroses and neuroses, 1 or 1.45%.

DISCHARGES.

Only 186 of the 234 patients discharged were committed to the hospital. The remaining 48 were under temporary care and voluntary. The condition of the discharged during the year was as follows: Recovered, 50 or 26.88%; improved, 56.99%; unimproved, 27 or 14.51%; and not insane, 3 or 1.62%.

DEATHS.

The death rate for the year, figured on the total number under treatment, was 7.0%.

Only 176 of the 185 patients dying during the year were committed; the remaining were under temporary care. The causes of death were as follows: Erysipelas, .57%; tuberculosis of the respiratory system, 17 or 9.66%; tuberculosis of other organs, 1 or .57%; cancer and other malignant tumors, 8 or 4.55%; diabetes, 1.13%; alcoholism (acute or chronic), 1 or .57%; other general diseases, 5.84%; meningitis, 1 or .57%; cerebral hemorrhage, apoplexy, 2 or 1.13%; general paralysis of the insane, 25 or 14.20%; epilepsy 1 or .57%; other diseases of the nervous system, 1 or .57%; endocarditis and myocarditis, 37 or 21.02%; atherosclerosis, 51 or 28.98%; bronchopneumonia, 5 or 2.84%; lobar pneumonia, 6 or 4.2%; pleurisy, 1 or .57%; other diseases of the respiratory system (tuberculosis excepted), 2 or 1.13%; diarrhea and enteritis, 2 or 1.13%; nephritis, 4 or 2.2%; diseases of prostate, 1 or .57%; other diseases of the circulatory system, .57%; other external causes, 1 or .57%.

Of those who died, 102 or 57.95% were over 60; 54 or 30.68% were from 40 to 60; and 19 or 10.79% were from 20 to 40; and 1 or .58% were under 20.

Our record shows that at the close of the year there were 25 Ex-service men in care.

MEDICAL SERVICE.

During the past year we have been fortunate in obtaining the services of an Assistant Superintendent, Dr. Joseph E. Barrett who reported for duty on April 1. He comes to us from Arkansas where he had several years' experience.

Our organization in the Medical Department consists of an assistant superintendent who acts as chief of the staff, senior assistant physicians who have charge of the different services, laboratory, etc., junior physicians who work under supervision of the seniors in the various services. In addition to this we have visiting staff who act as consultants in the different specialties.

The following departments are under the supervision of the chief of the staff: Laboratory, Nurses' Training School, Operating Rooms, Dental Offices, Hydrotherapy, Occupational Therapy, Social Service, Out-Patient and Clinics.

Staff meetings have been conducted daily. The patients are carefully examined, diagnosed and proper treatment recommended.

We have continued to carry on the routine treatment of all syphilitics and all the old methods of treatment have been used. At the present time a number of patients are undergoing intravenous inoculation of typhoid vaccine. This form of treatment is a substitute for malaria therapy and has the advantage of being a little easier to control. A few cases that we have treated, without question, show a high percentage of remissions. We believe that the treatment must have been a factor in bringing about these remissions. The number of cases is not yet sufficient to make any definite report, however.

Our Pathologist, Dr. Naomi Raskin, was given a leave of absence during the year as she is now in Europe studying at the different clinics.

Dr. Richard P. MacKnight, District Representative of the Department of Public Health, has continued to show a spirit of splendid co-operation and, although

we have been practically free from contagious diseases, we have found it venient to consult him on several different questions.

The following doctors have left our service during the year: Fernand Lon Raymond R. Costa, Louis M. Fritz, and William M. MacPhee.

SOCIAL SERVICE.

The personnel of the Social Service Department consists of a Head Social Worker and two assistants, with the addition of a student worker for 8 months of the year. The work of this department lies chiefly in four fields:— *Supervision*: With the very considerable increase of the number of patients on trial visit, the number of supervisory calls has correspondingly increased. Effort has been made to make as suitable adjustments as possible for these patients, that their trial visit become permanent. *History Taking and Investigation*: About the same number of histories were taken outside of the hospital this year as last, but more investigations were made at the request of the physicians, in order that the patient cases might be thoroughly understood. *Community Clinics*: These clinics, functioning in New Bedford, Attleboro and Taunton, in charge of a physician and a social worker, are for the benefit of hospital patients as well as others referred by physicians and community organizations. Every case is taken to give needed help and advice. *School Clinics*: Of the 18 superintendents in the Taunton State Hospital District, all but three have now recognized the advantages of a special class for backward pupils, and have availed themselves at least on occasion of the assistance of the Traveling School Clinic.

At monthly conferences outlines for record keeping have been improved and have been taken toward standardization, in order that future research work be facilitated. It is the especial aim of the Social Service Department to be a connecting link between the hospital and the community.

A statistical summary of the work follows:—

SOCIAL SERVICE MONTHLY STATISTICS.

December 1, 1927, to December 1, 1928.

I. NUMERICAL SUMMARY OF CASES:

| | HOSPITAL CASES. | | | | COMMUNITY CASES. | | TOTAL | |
|--|-----------------|----|---------------|-----|----------------------------|----|-------|-----|
| | House Patients. | | Out-Patients. | | Clinic Cases. ¹ | | | |
| | M. | F. | M. | F. | M. | F. | M. | F. |
| 1. New cases | 95 | 60 | 114 | 110 | 32 | 47 | 241 | 217 |
| 2. Renewed cases from previous years . | — | 7 | 5 | 2 | 4 | 3 | 9 | 12 |
| 3. Renewed cases within the year . . | 1 | 2 | 3 | 3 | — | — | 4 | 5 |
| 4. Continued cases from previous year | 78 | 60 | 58 | 93 | 76 | 80 | 212 | 233 |
| 5. Cases closed during year | 103 | 85 | 76 | 115 | 30 | 40 | 209 | 240 |
| 6. Cases continued to following year . | 71 | 44 | 104 | 93 | 82 | 90 | 257 | 227 |

¹ This does not include hospital patients reporting to community clinics.

II. SOURCES OF NEW CASES:

Number of cases referred by physicians, 374; by community agencies, 11; by friends or relatives, 1; by initiative of patients, 6.

III. ANALYSIS OF WORK:

1. Purposes for which cases were referred:—

- Historys of patients — taken at hospital, 2; taken outside of hospital, 116.
- Investigation — conduct disorders, 32; employment situation, 11; home conditions, 41; statements of patients, 53; statements of others, 48.
- Supervision — in home, 578; in industry, 77; in community, 11.
- Care of patients' families, 6.
- Personal services, 68.
- Placement, 9.

2. Problems: —

- (a) Disease — mental, 688; physical, 117.
- (b) Sex Problems — prostitution, 4; promiscuity, 7; wayward tendencies, 20.
- (c) Environment — Financial difficulties, 75; employment difficulties, 101; unsuitable surroundings, 31. Friction — family, 69; others, 14; marital difficulties, 52.
- (d) Personality Problems — temperament, 73; anti-social habits, 44; vacillating interests, 18.
- (e) Educational Problems — Readjustment habits of mind, 80; Recreation, church, social relationships, 100.
- (f) Legal Problems — Concerning property or support, 7.

SERVICE RENDERED:

1. Medical: —

Contribution of information *re*: medical history, 128; home conditions, 631; condition of out-patients, 654.

2. Social:

Adjustments for Patients — Environment, 1; personal relations, 22; in industry, 2; in recreation, 11. Advice — to relatives, 262; to patients, 321; to others, 31. Connecting with Agencies — 314; with individuals, 777. Family assistance — miscellaneous, 3. Personal Services — 147. Psychological tests to hospital patients, 9.

SUPERVISION WORK:

- 1. Number of Patients on visit last day previous year, 151; discharged from visit during year, 118. Visits — To patients on ward, 234; to patients on visit, 702; to relatives or friends, 459; to social agencies, 169; to others, 18.
- 2. Family Care Patients: —
Number patients visited, 49; placed, 2; returned, 2; discharged, 1.
Boarding homes investigated, 4. Christmas boxes sent, 7.

CLINIC WORK:

- 1. Hospital Clinics — Number of clinics attended, 50 community clinics where hospital patients report; interviews with patients, 174, patients reporting to New Bedford Clinic; with relatives, 143.
- 2. School Clinics — Number attended, 10; Psychological tests, 64; School tests, 20. Miscellaneous Work — Contacts with superintendents, 47; with principals, 5; with nurses, 8; with teachers, 6; arrangements for 15 clinics, instructions in history taking and giving of school tests to 4 nurses, 2 principals, 2 teachers; 3 statistical reports.
- 3. Community Clinics — Number attended, 79; interviews with patients, 148; with others, 179. Psychological tests, 24.

MISCELLANEOUS:

- 1. Amount of Expense Account — Hospital work, \$442.25.
- 2. Account of Time — Number of days in Hospital, 435½; days outside Hospital, 519; days spent in School Clinic Work, 26½; days spent in Community Clinic Work, 45. Resignations in February, 4; in November, 6. Additions in February, 13; in November, 1.

CONFERENCES.

aily conference at Hospital. Monthly Friday conference at State House for al Workers of D.M.D. Monthly Saturday conferences at State House for ital Social Workers. Two Mental Hygiene conferences. Social Workers' al Conference at Wheaton College. Conference concerning Retarded School dren at Bridgewater Normal School. Meetings of Round Table of Psychiatric al Workers. Special studies — 12 articles bearing on Psychology and Social ice studied. Lectures — 8 to student nurses on Social Service.

OUT-PATIENT DEPARTMENT.

We have continued to maintain Out-Patient Clinics at New Bedford, Attleboro and Taunton. The Fall River cases have been examined either at New Bedford or at Taunton. The number of new cases seen at New Bedford Clinic was no great as that of last year. This, no doubt, was due to the industry difficult the city has experienced.

Our School Clinic has continued to increase and many more cases than last year were examined.

The crowding in the institutions for the feeble-minded has made it necessary to care for the obviously feeble-minded who are in need of institution treatment by means of home and social supervision.

A summary of the work accomplished is as follows: —

Mental Clinics.

Source of Cases —

Children's Aid Society, 21
 Family Welfare Society (New Bedford), 7
 Private physicians through a welfare organization (Attleboro), 9
 Department of Public Welfare (Attleboro), 0
 Society for Prevention of Cruelty to Children, 11
 Catholic Welfare Bureau, 4
 International Institute, 2
 Self or Immediate Family, 0
 Taunton State Hospital, 185
 Private physicians, 7
 Instructive Association, 7
 Other sources, 16

1. New Bedford — New Cases — Male, 21; Female, 36; Total, 57.

Total Visits — Male, 109; Female, 169; Total, 278.

2. Fall River (Clinic temporarily closed).

3. Taunton — New Cases — Male, 10; Female, 5; Total, 15.

Total Visits — Male, 10; Female 5; Total 15.

4. Attleboro — New Cases — Male, 2; Female, 5; Total, 7.

Total Visits — Male, 4; Female, 7; Total, 11.

Male cases seen (new), 33; Female cases seen (new), 46; Total, 79.

Male visits to clinic, 123; Female visits to clinic, 181; Total visits to clinic, 304.

School Clinics.

Number of towns visited, 17

Number of new cases examined, 412

Number of incomplete cases, 83

Number of cases reported, 329

Number of cases for institutional care, 2

Number of cases recommended to leave school and find suitable employment

Number of cases recommended for special class, 256

Number of cases advised to continue in grade, 52

A number of the cases were incomplete, owing to the absence of the individual due to sickness, etc.

OPERATING ROOM.

Although our operating rooms are not adequate they are well equipped and we have been able to carry on the necessary surgical work during the past year with any difficulty. Our visiting staff working in conjunction with the residents have continued to do all our surgical work. Treatment of general paralysis continued during the past year. Several cases have been subjected to therapy by means of intravenous injection of typhoid vaccine. This form of treatment apparently gives a result similar to that obtained by inoculation with malaria and is much easier to control.

A detail of the work accomplished, follows:

| | Male. | Female. | Total |
|--|-------|---------|-------|
| Appendectomy | — | 1 | 1 |
| Herniotomy | 2 | — | 2 |
| Tonsillectomy and adenectomy | 1 | 4 | 5 |

| | Male. | Female. | Total. |
|---|-------|---------|--------|
| removal of needle from abdomen | — | 1 | 1 |
| cision of carbuncle | — | 1 | 1 |
| putation of finger | 1 | — | 1 |
| ected hand incised | 1 | — | 1 |
| putation of breast | — | 1 | 1 |
| ploratory incision into buttocks for needle | 1 | — | 1 |
| ision for cellulitis | 2 | — | 2 |
| eth extractions with general anesthesia | 5 | 8 | 13 |
| ambar punctures | 56 | 9 | 65 |
| ssermanns | 310 | 244 | 554 |
| ls incised | 24 | 18 | 42 |
| ections incised | 17 | 18 | 35 |
| ts sutured | 11 | 14 | 25 |
| gical dressings | 1,826 | 1,079 | 2,905 |
| aminations (pelvics) | — | 115 | 115 |
| culations | 206 | 210 | 416 |
| treatments: Salvarsan | 128 | 17 | 145 |
| Mercury | 795 | 201 | 996 |

DENTAL DEPARTMENT.

This Department has been functioning under practically the same organization eight years and as a consequence the patients are in good dental condition. The Department is well equipped and as the work progresses the dentist finds the time to devote to hygienic measures. A detail of the work follows:—
bridgework: Preparation for, 8; removed, 3; reset, 3; Davis crown set, 2; gold crown removed, 2. Cleaned and scaled, 773; examined and charted, 1,152; extractions, 1,067. *Fillings:* Amalgam, 569; kryptex, 125; temporary, 1; zinc oxide eugenol, 329. *Plates:* Impression, bite, shade, 67; made, 28; adjusted, 130; fitted, 33; cleaned, 101. *Treatments:* Formo-creosol, 11; guins, 90; Howes silver plate, 2; post operative, 109; pulp removed, 43; root canal, 2; tooth treated, 9. X-rays taken, 165; patients with work completed, 1,551; number of visits, 3,826; number of operations, 4,824; average operation per patient, 3.97; number of patients treated for first time, 924; number of extractions and fillings on new patients, 633; percentage of patients with work completed, 90.7; percentage of patients able to receive attention, 2.8; percentage of patients with work to be done, 6.5; percentage of new admissions needing dental attention, 33.5; number of patients giving dental attention other than examination, 924; number of patients needing dental attention, 942; patients wearing plates, 283; patients needing no dental attention (because of plates and no teeth), 360; patients wearing crown and bridge, 240; number of bridges, crowns and pivots, 733; number of artificial appliances, 1,146; average number of patients treated daily, 13.18; average number of operations per day, 17.22; number of days office open, 280; number of patients with no teeth, 193; number of sets of false teeth, 413.

X-RAY DEPARTMENT.

Routine x-ray examination has proceeded throughout the year and the following summary of work done is appended. Thirty chest examinations have been made for the Board of Health.
 and, 13; wrist, 5; elbow, 7; shoulder, 5; foot, 11; ankle, 3; knee, 5; tibia and fibula, 11; hip, 9; R. U. V. 3; pelvis, 1; spine, 8; gall bladder, 3; chest, 74; gastro-intestinal, 7; sinuses, 7; head, 12; jaw, 2; ribs, 3; foreign body, 7; clavicle, 1; nose, 1; heart, 1; finger, 10; thumb, 2; abdomen, 2; teeth, 165; board of health, total, 412.

PHYSIOTHERAPY DEPARTMENT.

On the purchase of an Alpine Ultra Violet Lamp, a department devoted to treatment both by ultra-violet ray and also by infra-red lamp has been instituted June 18, 1928.
 herewith is appended a record of the work done from that date to the end of the fiscal year.
 total number of cases treated with Alpine Lamp, 38.
 the types of cases treated are: Arthritis, 2; burn contracture, 1; fibrositis, 1;

lumbago, 2; neurasthenia, 1; osteomyelitis, 1; psoriasis, 3; synovitis, 2; adenitis, 1; sprain, 3; eczema, 3; varicose ulcers, 3; chronic ulcer of leg, 5; skin infection, 1; chronic mastitis, 1; pulmonary tuberculosis, 7.

The following cases were discharged as cured or improved: Fibrositis, 1; lumbago, 1; adenitis, 1; sprain, 2; psoriasis, 3; neurasthenia, 1.

The purchase of a Zoalite Lamp will enlarge the usefulness and benefit of this branch of therapy.

Number of hours of treatment, 152.

HYDROTHERAPY.

This department now has in operation, 7 continuous baths, two pack rooms and a completely equipped hydriatic room on both male and female services, and is in charge of a graduate nurse.

The benefit of hydrotherapeutic treatment in suitable cases is being emphasized more and more and is without doubt one of the most valuable types of the treatment available for mental cases.

Dr. Rebekah Wright, Hydrotherapeutist of the Massachusetts Department of Mental Diseases, visited the institution during the year and was very anxious and helpful in furthering the service of this department.

A detail of the work accomplished follows:

Tonic Baths.

| | Male. | Female. | Total. |
|---|-------|---------|--------|
| Salt glows | 537 | 426 | 963 |
| Hot and cold to spine | 631 | 605 | 1,236 |
| Fomentations to abdomen | — | 45 | 45 |
| Fomentations to liver | — | 48 | 48 |
| Foot baths as preparatory treatment | 1,620 | 2,106 | 3,726 |
| Sitz baths | 92 | 169 | 261 |
| Wet mitten frictions | 87 | 268 | 355 |
| Electric light baths | 253 | 215 | 468 |
| Swedish shampoos | 598 | 798 | 1,396 |
| Hair shampoos | 598 | 798 | 1,396 |
| Needle sprays | 2,411 | 2,845 | 5,256 |
| Fan douches | 2,158 | 2,265 | 4,423 |
| Jet douches | 437 | 42 | 479 |
| Rain douches | 598 | 798 | 1,396 |

Continuous Baths.

| <i>No. of Patients.</i> | <i>No. of Baths.</i> | <i>No. of Hours.</i> |
|-------------------------|-----------------------|------------------------|
| Male167 | Male2,613 | Male20,906 |
| Female166 | Female2,225 | Female21,345 |
| Total333 | Total4,838 | Total42,251 |

Wet Sheet Packs.

| <i>No. of Patients.</i> | <i>No. of Packs.</i> | <i>No. of Hours.</i> |
|-------------------------|-----------------------|------------------------|
| Male359 | Male8,932 | Male25,441 |
| Female253 | Female8,470 | Female23,535 |
| Total612 | Total17,402 | Total48,976 |

OCCUPATIONAL THERAPY.

Several changes have taken place in this department during the past year. Miss Ruth Ilsley who occupied the position of Head Occupational Therapist resigned, leaving the hospital in June and was succeeded by Miss Katherine Kenzie on September 17, 1928. Miss McMahon who succeeded Mrs. Baughman as Director of Music has also resigned. This vacancy will be filled at the earliest possible opportunity. At the present time the Department consists of one director and five aides.

During the summer months classes were practically discontinued, owing to the

that groups of patients were taken out to assist in picking beans and berries. In the month of September the classes were reorganized and are now being held in the Main Occupational Therapy Class Room, and on the Wards. The patients show considerable interest in the work. There are twelve classes in operation at the present time. There is still a large number of patients to be checked, which means a great deal of work.

The patients who are being treated are assigned to us by the Senior Physician. Prescription cards and monthly progress notes are being introduced, which will be of great assistance in treating the patients therapeutically.

All recreational activities for both patients and employees are under the direction of this department. The regular Friday night dances were carried on throughout the year with the exception of the summer months. Music for these dances is furnished by the hospital orchestra, which consists of five pieces, three of which are played by patients.

There were 205 patients under treatment in the Occupational Therapy Department at the beginning of the year. The following table shows the number of patients treated during the year:

Admissions to classes during the year, 421.

Cases previously treated, 198.

Cases transferred, 243.

Cases discontinued, 124.

Cases discharged, 24.

Cases died, 10.

Remaining under treatment end of year, 225.

Less patients discontinued in August not shown on report, 23. Total, 202.

The following articles have been produced during the year, all of which have been used in the hospital: Hooked rugs, 13; braid weave rugs, 58; woven rugs, 207; wool knitted rugs, 6; braided rugs, 18; woven door mats, 4; woven trackers, 28; Persian knot rugs, 1; braided hot dish mats, 5; reed waste baskets, 30; reed hanging baskets, 6; farm baskets, 1; reed jardinières, 52; hand-painted book-ends, 2; picture hangers, 7; picture puzzles, 47; face cloths, 39; patchwork puffs, 6; linen runners, 7; linen doilies, 23; linen vanity sets, 3; linen center piece, 1; rayon curtains, 8 prs.; rayon valances, 8 prs.; rayon tie-backs, 12 prs.; rayon pillows, 3; cretonne curtains, 5 prs.; cretonne valances, 3 prs.; cretonne tie-backs, 10 prs.; cretonne pillows, 2; cretonne window seats, 2; net curtains, 5 prs.; lamps with hand-painted, parchment shades, 3; embroidered runners (tatted edges), 641; embroidered center pieces (tatted edges), 123; embroidered pillow tops, 86; cretonne pillow tops, 71; curtains, 85 prs.; sash curtains, 12 prs.; valances, 96 prs.; tie-backs, 6 prs.; unbleached screen covers, 24 prs.

Covering Colony produced the following articles: Hooked rugs, 3; braid weave rugs, 15; woven rugs, 36; woven trackers, 7; art square (4 yds.), 1; embroidered center pieces (tatted edges), 7; embroidered doilies (tatted edges), 14; embroidered runners, 7; piano scarf hemstitched, 1; reed lamp, 1.

TRAINING SCHOOL.

The outlook for the school of nursing appears promising and we are working towards a better and larger school.

The present enrollment consists of five preliminary students, six intermediates and two seniors. An affiliation has been arranged with Morton Hospital, whereby students are to come to us for a three months' course in psychiatric nursing.

The graduation exercises were held November 15, 1928, when two nurses graduated. These nurses are still with us and are to take examinations for registration in January.

The staff of nurses contains ten registered and three graduate nurses, thus enabling us to have a trained nurse in charge of most of our sick wards.

The position of Assistant Superintendent of Nurses, which has been vacant since September 1, has recently been filled by Miss Ila Jackson, R.N., a graduate of Voonsocket Hospital, thus enabling us to bring our class work up to schedule.

During the year the attendants' course in practical nursing was given, and was completed by thirty-six female attendant nurses and thirty-five male attendant nurses.

LABORATORY.

The laboratories have been actively concerned in routine procedures and have co-operated to the fullest in any special work requested. At the present time the laboratory is very well equipped for doing any special work, and during the year a metabolimeter was added to the equipment of the department for the purpose of doing metabolism tests in cases requiring such for proper diagnosis.

The annual report of the work follows: Urine, 1,691; spinal fluids, 92. Blood chemistry — blood sugar, 22, non-protein nitrogen, 14, urea, 4. Renal function tests, 10; white blood counts, 1,166; complete blood counts, 202; smears, 134; stomach content, 2; sputa, 46; feces, 36; metabolism tests, 4; analyses, 68, — 47 male, 21 female; quantitative sugar (urine), 99; acetone tests, 2; diacetic acid, 2; coagulation (blood), 11; agglutination, 1; tissue slides, 149.

RELIGIOUS SERVICES.

The regular Sunday services have been conducted in the Chapel in the morning group, the Catholic clergymen officiating in the morning and the Protestants in the afternoon. Special services have been held at regular intervals at each of the colonies. The members of the Jewish faith have been visited regularly by the rabbi. All of the members of the clergy connected with the hospital have been very co-operative and have made numerous special visits to individual patients.

ENTERTAINMENT.

Besides the moving pictures and dances held weekly, the patients enjoyed other entertainments contributed by interested people of the community as well as special entertainments under the direction of the hospital.

On December 23, 1927, "The Little Church Around the Corner" was presented by Rev. Cornelius Greenway of Taunton. This was followed by the usual Christmas Week Program. On January 16, Mr. Greenway again came to the hospital with the moving picture "Scaramouche."

On January 5, 1928, singing and music was arranged for the benefit of our Borah Colony patients, by Mr. Albert C. Blankenship of Brockton, Massachusetts.

On January 31, the American Legion Band of Attleboro under the leadership of Mr. R. E. Bell gave a very fine concert. On February 20, members of St. Thomas Church, under the direction of Mrs. Percival Lincoln, gave a Washingtonian entertainment featuring music, songs, dialogue, recitation and dances. The Daughters of Isabella, under the auspices of the Veterans of Foreign Wars, very kindly presented a vaudeville show on March 5, Mrs. Mary Leonard and Mrs. George Clark being in charge. Two weeks later the Women's Auxiliary of the American Legion of Taunton, under the supervision of Mrs. Doris Willis and Mrs. Lillian McIsaac, gave another vaudeville. On the evening of April 23, the Ladies' Auxiliary of the Veterans of Foreign Wars presented a program under the direction of Katherine Haggerty, Cora Baptista and Gertrude Williams. We are also indebted to the Veterans of Foreign Wars for a musical program presented on October 30 by the Morris Band of Taunton under the leadership of Mr. Walter Morris.

Many who attended the entertainment on May 4, under the leadership of William Allinson, were amazed at the quality of music produced by the Grammer School Children of Fall River, as it was on an equal basis with many adult orchestras.

In addition to those mentioned above which were thoroughly enjoyed by those who attended, there were programs arranged by the hospital for Easter, July Fourth and Labor Day.

The Ex-Service Men have been visited regularly as usual by the Taunton and Fall River Posts of the American Legion, Knights of Columbus, David F. Adams Post No. 611, Veterans of Foreign Wars and by the Veterans of the Spanish War.

The following people contributed to the Annual Christmas Fund: Pat Nelson, Mrs. P. H. Rogers, Annie Rose, S. M. Stone, Mrs. Elizabeth C. M. Gifford, Trustee; Mr. and Mrs. Lane, Mrs. Sarah M. Ward, Mrs. A. M. Pierce, Mrs. Jennie Blakmer, Harvey C. Sampson, Grace M. Vincent, Mrs. Abbie L. Bailey, Emma C. Thompson, J. K. Kerrigan, Mrs. Dora Levy, Mrs. D. A. Bayne, Mrs. Mary A. Waldron, Margaret Smith, Edward Diskin and Elmer I. Wheeler.

LIBRARY.

The program of widening the range of the library has been continued this year. The average circulation per week has greatly increased, having been during the winter months, November to April, 117 volumes, and during the summer months, 105. About 20% of the books purchased have been from sources such as "The Modern Library" and "The Star Dollar Series," so that today the library has characteristic works of such authors as Beebe, Yeats, Blanchan, Pupin, Akeley, Philip Gibbs, W. R. Thayer, Wiggan, etc., in biography, travel, natural history, science, etc.

Additions to the library by purchase have been 183. This total includes bound volumes of magazines containing material of lasting value purchased for the Canteen and the Staff Reading Rooms.

Additions by gift — 100. Of the gifts the most notable in number and quality came from Mrs. Elizabeth C. M. Gifford, Trustee, whose interest in the library is unflagging. The gifts of Mrs. Newbury of Taunton equalled in number and quality that of last year, also Mrs. Wilbur of Taunton.

The process of elimination from the library of mutilated books, those not suited for a hospital library and unnecessary duplicates, has been continued, 187 volumes having been discarded.

In fiction today the library is very well represented with books by all the better class of current popular American authors, and during the past year the library has been increased, chiefly by gifts with books by such representative English authors as Arnold Bennett, Galsworthy, William DeMorgan, Rose Macauley, Gilbert Cannan, Archibald Marshall, Doef Wyllarde, Olive Wadsley, E. Temple Thurston, none of whose books were previously on our shelves.

The following magazines of 1927-1928, bound in the library by the "Toronto Method," have been added: *Asia*, *Harper's*, *Judge*, *Scribner's*, *National Geographic*, *Nature*, *Life*, *World's Work*, *American*, *Cosmopolitan*, *Munsey*, *Forum*, *Scientific Monthly*.

We are indebted to the persons whose names are mentioned below for the donation of books and magazines:

Mrs. James O'Neil, Mrs. Ray Sargent, Mrs. A. C. Burt, Mrs. Clinton Williams, Mrs. Richard Smerdon, Mrs. J. P. Taylor, Mrs. Charles S. Simmons, Brownell and Burt, Mrs. Gardner, Mrs. Francis M. Wilbur, The Salvation Army, Mrs. Keefe, A. C. Bent, Frank Hubbard, M.D., Russell Davol, Zilpha Chace, Mr. P. Hern, Dr. George A. Harris, Mrs. T. W. Smith, W. F. Wyatt, Ph.D., Mrs. Hewitt, Mr. Ruddock, Mr. J. P. Taylor, Mrs. William Davenport, Dr. H. S. Tait, Mr. Harold L. Green, Mr. James Gough, Mrs. Dunbar, Mrs. Ella R. Burt, Mrs. Nathan Newbury, Mrs. Cotter, Miss Mary Thomas, Miss E. R. Bliss, Mrs. Elizabeth C. M. Gifford, Mrs. Culver, Mrs. Joseph Lockwood, Dr. Butler, Mr. Francis Stanley, Miss Ella Francis, Mrs. Fenton Allyn, Sippican Woman's Club, Woman's Club, Secretary of Woman's Club, Brockton, Mrs. Josephine R. Dalton, Harwich Welfare Club, Mr. Leon Field, C. Wade, Mrs. Wright and Dr. William T. Wyatt.

FARM.

The past year can be rated as an average one in so far as weather and general conditions go. Our crops were all fairly successful and our cattle and swine have continued to do well. Our herd was tested for tuberculosis and again found to be free from disease.

New ideas in regard to the storage of vegetables put into effect this fall are without question going to reduce the waste and improve the quality of vegetables for winter.

We have continued to extend our orchard and we now have nearly 20 acres devoted to the production of fruit.

We already have begun clearing the land which was purchased during the spring of this year and it is hoped that by spring eight or ten acres of this will be ready for cultivation.

The following is a detail of the farm production:

Milk, 577,642½ lbs.; eggs, 5,668; asparagus, 3,206 lbs.; string beans, 20,405 lbs.; etc., 11,570 lbs.; Brussels sprouts, 100 lbs.; cabbage, 43,305 lbs.; carrots, 46,035 lbs.; cauliflower, 29 lbs.; celery, 2,846 lbs.; Swiss chard, 20,853 lbs.; sweet corn,

21,735 lbs.; cucumbers, 10,873 lbs.; lettuce, 2,648 lbs.; onions, 17,199 lbs.; parsnips 20,792½ lbs.; green peas, 1,890 lbs.; pumpkins, 18,859 lbs.; radishes, 439 lbs. rhubarb, 3,443 lbs.; spinach, 4,515 lbs.; summer squash, 8,205 lbs.; winter squash 43,840 lbs.; ripe tomatoes, 26,363 lbs.; green tomatoes, 9,950 lbs.; turnips, 25,56 lbs.; turnip greens, 1,460 lbs.; cantaloupes, 1,790 lbs.; first apples, 3,233 lbs. second apples, 23,823 lbs.; blackberries, 50 lbs.; cherries, 320 lbs.; currants, 75 lbs.; gooseberries, 704 lbs.; grapes, 882 lbs.; raspberries, 25 lbs.; strawberries, 4,06 lbs.; ensilage corn, 600,400 lbs.; beef, 7,782 lbs.; pork, 48,490 lbs.; liver, 1,216 lbs. chicken, 56 lbs.; fowl, 1,260 lbs.; broilers, 21,834 lbs.; grain, 218,388 lbs.; greenfeed 564,794 lbs.; mangels, 113,230 lbs.; potatoes, 152,455 lbs.

GROUNDS.

It has been rather difficult to keep our grounds at the main hospital in good condition during the past year due to an unusual amount of construction going on. Our lawns are improving somewhat but it would seem that if they are to be put in good condition parts of them will have to be plowed and reseeded. Much progress has been made in the grading in the vicinity of the storehouse and salvage yard. The plan which we have undertaken to carry out there, is a tremendous one and it is very gratifying to see it nearing completion. It is believed with proper landscaping that the salvage yard will not be an objectionable feature. We have started work on a plan submitted by our landscape engineer, including the grounds around the nurses' and married couples' homes. It is in this vicinity that we expect to build our first stretch of standard concrete road and sidewalk in the near future.

The main road has been kept in good repair by patching and sanding. The road from the front gate to the farm group has been entirely rebuilt and is now a very good gravel road. Quite a little work has been put into the road which formerly encircled the farm and it is now possible to drive an automobile completely around our cultivated fields.

The land between the buildings and the road at Lovering Colony has been transferred from garden to lawn and we now have the buildings flanked on all sides by orchards and separated from the road by a lawn. This, I believe, in the long run will add to the appearance of the Colony.

The lawns and grounds at the Borden Colony are showing constant improvement. The number of cut flowers and potted plants have continued to increase. During the past year we have started a nursery in which we have planted well over 1,000 small shrubs and trees. These were bought at the time when they were very cheap and will, no doubt, enable us to make better progress with our landscaping.

INDUSTRIAL DEPARTMENT.

This department has just finished a very successful year due chiefly to the competent people in charge of the various shops and the modern equipment of quarters in which they have to work.

The Sewing Room has moved its new quarters into the Industrial Building and after very careful consideration the Mending Room was moved from the previous quarters on the fourth floor in the Laundry to a room adjoining the Sewing Room. Both of these departments are now supervised by the head seamstress and it is believed that efficiency has been improved by this change.

During the coming year we hope to open our new furniture shop which will be the last unit in the completion of this department.

With the exception of the Sewing Room all of these shops are operated by patients under the direction of one teacher. The work they turn out is extremely satisfactory and it is difficult to estimate the mental and physical benefit to the patients employed.

The following is the detail of the work accomplished:

Main Industrial Shop — Made: 26 pails; 26 key chains; 8 coffee cans; 4 cake tins; 4 soup cans; 702 brooms; 8 door mats; 37 sauce tins; 2 dye cans; 4 trays; 12 dishpans; 195 brushes; 36 diet tins; 2 kettles; 2 copper inserts; 2 double boilers; 2 strainers; 2 floor scoops; 4 garbage cans; 3 teakettles; 2 bread tins; 59 meat tins; 16 ash cans; 3 vegetable kettles; 54 tin covers; 1 ice chest pan; 9 rubbish cans; 5 wash tubs; 1 tea urn; 1 milk can; 1 stew kettle; 2 tea cans; 2 rugs; 3 swill kettles.

wheel mats; 40 oatmeal tins; 3 teapots; 2 dippers; 2 colanders; 1 pr. hinges; funnel; 1 waste can; 2 sink sideboards; 3 bins; 6 dippers; 1 box cover; 2 stove; 2 stove slides; 12 bedpan covers; 131 ft. stove pipe; 3 cake tins; 22 garbage; 3 potato barrels; 3 dirt cans; 9 pails; 20 vegetable kettles; 15 sauce tins; oatmeal tins; 11 kettles; 2 washboilers; 3 steamers; 1 oil can; 5 ash barrels; in covers; 3 tea cans; 8 containers; 1 couch; 1 footstool; 1 cooler; 70 chairs ed; 520 ropes braided; 5 rope mats braided.

Repaired: 63 meat tins; 12 soup cans; 39 coffee cans; 28 roast pans; 15 ice cream ezers; 6 chairs; 11 thermos bottles; 9 dishpans; 4 strainers; 2 teakettles; 6 dip-; 6 double boilers; 1 metal drip; 3 lamps; 9 milk cans; 2 baskets; 5 coffee urns; eapots; 1 elevator shaft; 1 basement elevator; 1 Ford Sedan door; 1 table; alt bin; 4 ice chests; 1 bottle opener; 1 vacuum tank; 1 dump rack; 1 furnace; ank; 1 crib; 2 tubes; 1 bed screen; 1 oven; bread cutter spring; 1 flour sieve; itchers; 1 divan; 8 couches; 24 chairs; 1 hassock; 9 cushions; 3 rockers; 1 lounge; avenport; 13 mattress pads.

Tailor Shop — Made: 379 coats; 315 pants; 276 suspenders; 178 rugs; 1 overcoat; overalls; 1 police uniform; 30 aprons; 24 mittens. Repaired and pressed: arpets; 2,392 coats; 2,896 pants; 1,627 vests; 3 horse blankets; 3 sand bags; ack mattresses; 116 suits; 32 rugs; 95 blankets; 1 piano cover; 40 private cloth-; 270 overalls; 17 tub covers.

Mattress Shop — Made: 1,020 mattresses; 492 pillows. Picked: 1,900 lbs. hair; mattress pads.

Sewing Room: 2,328 dresses; 210 strong dresses; 257 women's white slips; women's flannelette slips; 168 women's long sleeve nightgowns; 667 women's ort sleeved nightgowns; 432 women's B.V.D.'s; 60 white aprons; 146 women's ored aprons; 24 women's flannelette jackets; 67 women's flannelette pajama kets; 55 women's flannelette pajama pants; 52 women's flannelette hoods; . women's flannelette boots; 726 men's colored shirts; 208 men's nightshirts; 239 n's bed shirts; 60 men's white shirts; 42 men's khaki shirts; 78 men's trousers; men's ticking trousers; 300 men's B.V.D.'s; 2 white dresses for M. A. Rodgers; overing for moving picture machine; 6 petticoats for boarding patients; 113 s for infirmary; 25 tub hammocks (male); 16 tub hammocks (female); 16 tub ers; 14 valances; 1 Indian costume; 1 Martha Washington costume; 24 dentist s; 14 dentist gowns; 4 bed puffs; 132 bibs; 10 bandages; 238 mattress ticks; lannel bands; 18 druggist gowns; 60 puff covers; 12 rayon curtains; 12 door tains; 2 sash curtains for treatment ward; 38 white aprons for bakeshop; 90 s for bakeshop; 80 screen covers; 18 screen covers (male hydro); 16 screen ers (female hydro); 6 screen covers for receiving room; 20 screen covers for in- ary; 12 screen covers for female pack room; 10 screen covers for B. I. 1; 8 screen ers for B. I. 2; 2 apron dresses; 4 aprons; 24 leggings for operating room; 16 ns for operating room; 20 laboratory aprons; 6 shampoo aprons; 6 white ons for kitchen; 1,188 attendants' pillow slips; 426 attendants' sheets; 2,287 rd sheets; 529 draw sheets; 180 pack sheets; 34 tiebacks; 18 napkins; 684 at- dants' pillow slips; 54 fomentation cloths; 84 hydro pillow slips; 4 ice bags; yards of cloth to Occupational Therapy Department; 63 $\frac{1}{4}$ yards of cloth for ons; 3 yards dotted muslin; 22 ruffled curtains; 77 bed pan covers; 444 window des; 6 bands; 8 rayon curtains; 6 overdrapes; 3 valances; 105 tablecloths; 13 n tablecloths; 2 tablecloths; 19 tablecloths for Davis Street Colony; 12 table- ls for Mrs. Smalley; 4 tablecloths for Borden Colony; 183 ticking pillow slips; ticking aprons; 30 ticking mittens; 30 ticking suspenders; 42 ticking pads; laundry bags (ticking); 54 white laundry bags; 12 colored laundry bags; bath mitts; 216 bath towels; 1,300 dish towels; 24 dentist towels; 2,010 attend- ' towels; 108 white edged towels for Mrs. Fulton; 12 towels for bakeshop; verings for bakeshop; 84 officers' sheets; 162 officers' dish towels; 12 baby , 12 baby dresses; 6 baby bands; 3 baby Gertrudes; 30 baby diapers; 24 breast ers; 24 male T binders; 30 female T binders; 114 shroud sheets; 180 shroud res; 72 sheets for female hydro; 24 sheets for male hydro; 18 mop bags; 154 curtains; 6 curtains; 26 hemstitched curtains; 8 long curtains; 20 long curtains, den Colony; 8 long curtains; 148 coffee bags.

Mending Room: 21,082 aprons; 99 bathrobes; 95 blankets; 262 B.V.D.'s; 4 et covers; 4 curtains; 5,313 drawers; 9,198 dresses; 2,009 laundry bags; 93

mattress ticks; 11,613 nightgowns; 459 overalls; 1,961 petticoats; 728 pillow slips; 10 pillow ticks; 48 puff covers; 6 shawls; 3,624 sheets; 6,772 shirts; 1,028 spreads; 1,784 stockings; 33 sweaters; 394 towels; 30 tablecloths; 290 trousers; 43 tub covers; 116 union suits; 441 white coats.

Shoe Shop: 607 prs. men's shoes; 204 prs. women's shoes; 290 prs. slippers; 1,788 prs. rubber heels put on; 14 prs. harness straps. Repaired: 239 rubber heels; 253 prs. leather heels; 132 prs. heel linings; 100 prs. rubber lifts put on; 53 harness straps; 930 prs. taps; 228 prs. uppers; 178 prs. soles; 200 prs. rips; 15 auto curtains; 11 prs. baseball shoes; 6 halters; 4 pieces rubber matting; 4 prs. shoes; 1 pair of pocket.

REPAIRS ORDINARY.

It is gratifying to report that the general repairs of the plant are showing improvement. We have done much renovating during the past year and at present time practically all of our quarters for patients are in good condition. Bathrooms, clothing rooms, lavatories and toilets are being renovated as fast as possible and wooden floors are being replaced by fireproof floors. This work is being pushed as rapidly as possible on the first floor as it will, without question, be a great protection against a fire which might start in the basement.

As in years past much of the time of our mechanics has been spent on new work.

REPAIRS AND RENEWALS.

With the appropriation under this heading we have been able to relocate bathroom rooms on Female Wards 4, 5, 6. The patients there now have their choice of either a shower or tub bath.

A snowplow attachment for our truck was purchased and we are now able to clean our roads much quicker than previously.

A 48-inch extractor replaced three small worn-out ones in the laundry.

Our laying houses were completely renovated and work on the renovation of Kenney House has been started.

The projects of changing locks and screens on windows have been continued and several worn-out gas ranges replaced.

A planer and a band saw were installed in the Carpenter Shop and several new electric refrigerators in the wards.

We were also able to begin work on a plan for draining certain fields at Raynham Colony Farm.

The necessary material for installing fireproof floors on Female 4 was purchased but because of the inability to vacate the ward this work was put off until next year.

The items requested under this heading in next year's budget are extremely important and we hope that next year's appropriations will be as satisfactory as this has been.

ACKNOWLEDGMENTS.

In conclusion, permit me to express my appreciation to all those who have made donations to our Library and Christmas Fund during the past year, and to the organizations and societies who have aided in the entertainment of our patients. I am extremely grateful to the members of the Board for their unfailing interest and advice, and deeply indebted to the employees of the institution who by their efforts have made the work of this year possible.

VALUATION.

November 30, 1928.

REAL ESTATE.

| | |
|-------------|--------------|
| 1,380 acres | \$55,285.00 |
| Buildings | 906,937.40 |
| | <hr/> |
| | \$962,222.40 |

PERSONAL PROPERTY.

| | |
|--|--------------|
| Travel, transportation and office expenses | \$2,500.00 |
| | 6,940.62 |
| Printing and materials | 21,978.61 |
| Furnishings and household supplies | 108,962.40 |
| Medical and general care | 19,533.64 |
| Heat, light and power | 12,711.91 |
| | 41,682.86 |
| Stables and grounds | 7,459.04 |
| Repairs | 16,233.71 |
| | <hr/> |
| | \$238,002.79 |

SUMMARY.

| | |
|-------------------|----------------|
| Real estate | \$962,222.40 |
| Personal property | 238,002.79 |
| | <hr/> |
| | \$1,200,225.19 |

FINANCIAL REPORT.

the Department of Mental Diseases:

respectfully submit the following report of the finances of this institution for the fiscal year ending November 30, 1928.

CASH ACCOUNT.

Receipts.

| | |
|------------------------------------|-------------|
| Income. | |
| Board of Patients | \$81,899.91 |
| | <hr/> |
| | \$81,899.91 |
| Personal Services: | |
| Labor of employees | 196.60 |
| | |
| Expenses: | |
| Clothing and materials | \$21.10 |
| Furnishings and household supplies | 1.37 |
| Medical and general care | 8.75 |
| Heat, light and power | 36.88 |
| Farm: | |
| Cows and calves | 324.22 |
| Pigs and hogs | |
| Hides | 74.70 |
| Sundries | 11.41 |
| Garage, stable and grounds | 1.17 |
| Repairs, ordinary | 625.77 |
| Trucking | 5.00 |
| | <hr/> |
| Total sales | 1,110.37 |
| Miscellaneous: | |
| Interest on bank balances | \$417.15 |
| Rent | 477.50 |
| | <hr/> |
| | \$894.65 |
| Board of employees | 277.75 |
| | <hr/> |
| Total income | \$84,379.28 |

MAINTENANCE.

| | |
|---|--------------|
| Balance from previous year, brought forward | \$7,242.16 |
| Appropriations, current year: | |
| Original | 570,620.00 |
| Additional | 4,550.00 |
| | <hr/> |
| Total | \$582,412.16 |
| Less (as analyzed below) | 562,749.24 |
| | <hr/> |
| Balance reverting to Treasury of Commonwealth | \$19,662.92 |

Analysis of Expenses.

| | |
|--|--------------|
| Personal services | \$285,265.13 |
| Public instruction | 1,790.00 |
| Travel, transportation and office expenses | 6,188.74 |
| | 103,759.33 |
| Printing and materials | 17,747.91 |
| Furnishings and household supplies | 30,922.26 |
| Medical and general care | 19,095.34 |
| Heat and power | 33,695.63 |
| | 29,544.38 |
| Stable and grounds | 4,868.62 |
| Repairs, ordinary | 14,654.24 |
| Repairs and renewals | 15,217.66 |
| | <hr/> |
| Total expenses for Maintenance | \$562,749.24 |

| SPECIAL APPROPRIATIONS. | | | | | |
|---|--|--|--|-------------|----------|
| Balance December 1, 1927 | | | | | \$52,80 |
| Appropriations for current year | | | | | 124,00 |
| Total | | | | | \$176,80 |
| Expended during the year (see statement below) | | | | \$59,734.85 | |
| Reverting to Treasury of Commonwealth | | | | 84.77 | |
| | | | | | \$59,819 |
| Balance November 30, 1928, carried to next year | | | | | \$116,98 |

| OBJECT. | Act or Resolve. | Whole Amount. | Expended During Fiscal Year. | Total Expended to Date. | Balance at End of Year. |
|---------------------------------------|-----------------------|------------------|------------------------------------|-------------------------------|-------------------------------|
| 2 Officers' Cottages | 1926-79 | \$12,000.00 | - | \$11,999.38 | \$0. |
| Remodelling Certain Buildings | 1926-79 | 55,000.00 | \$580.47 | 54,915.85 | 84. |
| Completion of Storehouse | 1927-138 | 45,000.00 | 26,166.89 | 44,223.32 | 776. |
| Storehouse Equipment | 1927-138 | 7,500.00 | 4,988.57 | 4,988.57 | 2,511. |
| Construction of Bakeshop | 1927-138 | 32,000.00 | 12,824.63 | 31,972.86 | 27. |
| Employees' Cottage | 1927-138 | 28,000.00 | 10,507.59 | 27,974.16 | 25. |
| Furnishing Officers' Cottage | 1927-138 | 3,500.00 | 1,314.18 | 3,499.39 | . |
| Renovation of Rear Hospital Center | 1928-127 | 113,000.00 | 58.15 | 58.15 | 112,941. |
| Certain Land | 1928-127 | 4,000.00 | 3,294.37 | 3,294.37 | 705. |
| | | \$300,000.00 | \$59,734.85 | \$182,926.05 | \$117,073. |

| | |
|---|----------|
| Balance reverting to Treasury of the Commonwealth during year (mark item with*) | \$8 |
| Balance carried to next year | \$116,98 |
| Total as above | \$117,07 |

PER CAPITA.

During the year the average number of inmates has been 1,479.2632.
Total cost for maintenance, \$562,749.24.
Equal to a weekly per capita cost of \$7.2758 (52 weeks to year).
Receipt from sales, \$1,105.37.
Equal to a weekly per capita of \$.0140.
All other institution receipts, \$83,273.91.
Equal to a weekly per capita of \$1.0766.
Net weekly per capita \$6.1852.

Respectfully submitted,
FRANK W. BOYNTON, *Treasurer*

STATISTICAL TABLES.

AS ADOPTED BY THE AMERICAN PSYCHIATRIC ASSOCIATION.
PRESCRIBED BY THE MASSACHUSETTS DEPARTMENT OF MENTAL DISEASE

TABLE 1. *General Information.*

Data correct at end of hospital year, November 30, 1928.

| | | | | | | | | | |
|--|--|-----|-----|------------------------------|----|--|--|------------|--|
| 1. Date of <i>opening</i> as a hospital for mental diseases, 1854. | | | | | | | | | |
| 2. Type of hospital: State. | | | | | | | | | |
| 3. Hospital plant: | | | | | | | | | |
| Value of hospital property: | | | | | | | | | |
| Real estate, including buildings | | | | | | | | \$962,22 | |
| Personal property | | | | | | | | 238,00 | |
| Total | | | | | | | | \$1,200,22 | |
| Total acreage of hospital property owned, 380 acres. | | | | | | | | | |
| Total acreage under cultivation during previous year, 146 acres. | | | | | | | | | |
| 4. Officers and employees: | | | | | | | | | |
| | Actually in Service at End of Year. | | | Vacancies at End of Year. | | | | | |
| | M. | F. | T. | M. | F. | | | | |
| Superintendents | 1 | - | 1 | - | - | | | | |
| Assistant physicians | 7 | 1 | 8 | 2 | - | | | | |
| Total physicians | 8 | 1 | 9 | 2 | - | | | | |
| Stewards | - | - | - | 1 | - | | | | |
| Resident dentists | 1 | - | 1 | - | - | | | | |
| Pharmacists | - | 1 | 1 | - | - | | | | |
| Graduate nurses | 2 | 13 | 15 | 1 | 4 | | | | |
| Other nurses and attendants | 73 | 67 | 140 | 9 | 4 | | | | |
| Occupational therapists | - | 3 | 3 | - | - | | | | |
| Social workers | - | 2 | 2 | - | 1 | | | | |
| All other officers and employees | 64 | 55 | 119 | 1 | 4 | | | | |
| Total officers and employees | 148 | 142 | 290 | 14 | 13 | | | | |

NOTE: — The following items, 5–9, inclusive, are for the year ended September 30, 1928.

Census of patient population at end of year:

| | Actually in Hospital. | | | Absent from Hospital but Still on Books. | | |
|--|-----------------------|---------|-----------|---|-----|-----|
| | M. | F. | T. | M. | F. | T. |
| White: | | | | | | |
| Insane | 698 | 717 | 1,415 | 99 | 101 | 200 |
| Mental defectives | — | 3 | 3 | — | — | — |
| All other cases | 2 | 1 | 3 | — | — | — |
| Total | 700 | 721 | 1,421 | 99 | 101 | 200 |
| Other races: | | | | | | |
| Insane | 21 | 21 | 42 | 2 | 1 | 3 |
| Total | 21 | 21 | 42 | 2 | 1 | 3 |
| Grand total | 721 | 742 | 1,463 | 101 | 102 | 203 |
| | | | | | | |
| Patients under treatment in occupational-therapy classes, including physical training, on date of report | — | | | — | | |
| Other patients employed in general work of hospital on date of report | — | | | — | | |
| Average daily number of all patients actually in hospital during year | 690.805 | 772.736 | 1,463.541 | | | |
| Voluntary patients admitted during year | 1 | 1 | 2 | | | |

TABLE 2. *Financial Statement.*

See treasurer's report for data requested under this table.

TABLE 4. *Nativity of First Admissions and of Parents of First Admissions.*

| NATIVITY. | PATIENTS. | | | PARENTS OF MALE PATIENTS. | | | PARENTS OF FEMALE PATIENTS. | | |
|--------------------------------|-----------|-----|-----|---------------------------|----------|---------------|-----------------------------|----------|---------------|
| | M. | F. | T. | Fathers. | Mothers. | Both Parents. | Fathers. | Mothers. | Both Parents. |
| United States | 127 | 68 | 195 | 66 | 67 | 60 | 43 | 47 | 41 |
| Canada | 2 | — | 2 | — | 2 | 2 | — | — | — |
| England ¹ | 24 | 19 | 43 | 31 | 32 | 27 | 23 | 23 | 20 |
| Scotland | — | — | — | 1 | — | — | — | — | — |
| Ireland | — | — | — | — | — | — | 1 | — | — |
| France | 9 | 13 | 22 | 15 | 14 | 12 | 18 | 15 | 13 |
| Germany | 1 | 3 | 4 | 1 | 1 | 1 | 3 | — | 3 |
| Italy | — | 1 | 1 | 1 | — | — | 1 | 1 | 1 |
| Austria | — | 4 | 4 | — | 1 | — | 4 | 5 | 4 |
| Spain | 4 | — | 4 | 4 | 4 | 4 | — | 3 | — |
| Portugal | — | — | — | 2 | — | — | — | — | — |
| Sweden | 9 | 8 | 17 | 27 | 29 | 24 | 18 | 17 | 16 |
| Norway | 5 | 3 | 8 | 7 | 7 | 7 | 4 | 4 | 4 |
| Denmark | — | 1 | 1 | — | — | — | 1 | 1 | 1 |
| Netherlands | 2 | 4 | 6 | 2 | 2 | 2 | 4 | 4 | 4 |
| Belgium | 22 | 16 | 38 | 30 | 28 | 27 | 18 | 18 | 18 |
| Prussia | 1 | — | 1 | 1 | 1 | 1 | — | — | — |
| Austria | 2 | 5 | 7 | 2 | 1 | 1 | 5 | 5 | 5 |
| Italy | 3 | 1 | 4 | 6 | 5 | 4 | 3 | 2 | 2 |
| South America | 1 | — | 1 | — | — | — | — | — | — |
| Spain | 2 | — | 2 | 4 | 5 | 4 | — | — | — |
| Ireland | — | 1 | 1 | — | — | — | 1 | 1 | 1 |
| Indies ² | — | — | — | — | — | — | — | 1 | — |
| Other countries | 3 | 2 | 5 | 2 | 2 | 2 | 2 | 1 | 1 |
| Unascertained | 1 | — | 1 | 16 | 17 | 13 | — | 1 | — |
| Total | 218 | 149 | 367 | 218 | 218 | 191 | 149 | 149 | 134 |

¹ Includes Newfoundland.² Except Cuba and Porto Rico.

TABLE 4-A. Age of First Admissions Classified with Reference to Nativity, and Length of Residence in the United States of the Foreign Born.

| AGE GROUPS. | Aggregate. | | | NATIVE BORN. | | | | | | FOREIGN BORN. | | | | | | Nativity unascertained. | | | | | |
|-------------------|------------|-----|-----|--------------|-----|-----|------------|----|-----|---------------|---|----|----|----|----|-------------------------|----|----------------|------------|--------------|--------------------|
| | M. | F. | T. | Total. | | | PARENTAGE. | | | Total. | TIME IN UNITED STATES BEFORE ADMISSION. | | | | | | | | | | |
| | | | | M. | F. | T. | M. | F. | T. | | M. | F. | T. | | | | | | | | |
| | | | | | | | | | | | | | | M. | F. | | T. | Under 5 years. | 5-9 years. | 10-14 years. | 15 years and over. |
| Under 15 years | 1 | - | 1 | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | | | |
| 15-19 years | 7 | 4 | 11 | 1 | 7 | 18 | 1 | 2 | 5 | 1 | 2 | 3 | 1 | 1 | 2 | - | - | - | | | |
| 20-24 years | 14 | 11 | 25 | 3 | 3 | 9 | 3 | 3 | 6 | 3 | 3 | 6 | 2 | 2 | 4 | 1 | 1 | 2 | | | |
| 25-29 years | 20 | 12 | 32 | 6 | 3 | 9 | 4 | 8 | 2 | 10 | 2 | 5 | 1 | 1 | 2 | 3 | 2 | 5 | | | |
| 30-34 years | 19 | 16 | 35 | 2 | 2 | 4 | 5 | 9 | 3 | 2 | 10 | 1 | 1 | 2 | 4 | 1 | 1 | 2 | | | |
| 35-39 years | 20 | 16 | 36 | 4 | 5 | 9 | 3 | 4 | 7 | 5 | 4 | 3 | 1 | 4 | 3 | 1 | 1 | 2 | | | |
| 40-44 years | 24 | 13 | 37 | 2 | 3 | 5 | 4 | 3 | 4 | 3 | 1 | 4 | 3 | 1 | 4 | 1 | 1 | 1 | | | |
| 45-49 years | 17 | 14 | 31 | 11 | 3 | 14 | 3 | 3 | 1 | 4 | 3 | 1 | 2 | 3 | - | - | - | - | | | |
| 50-54 years | 18 | 14 | 32 | 3 | 2 | 5 | 3 | 1 | 4 | 1 | 4 | 1 | 2 | 3 | - | 1 | 2 | - | | | |
| 55-59 years | 16 | 8 | 24 | 5 | 5 | 10 | 4 | 1 | 5 | 1 | 5 | 1 | 2 | - | 1 | 2 | 7 | 14 | | | |
| 60-64 years | 16 | 12 | 28 | 9 | 3 | 12 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 4 | 7 | 11 | | | |
| 65-69 years | 12 | 5 | 17 | 2 | 2 | 4 | 5 | 3 | 8 | 1 | 1 | 2 | - | - | - | 8 | 5 | 13 | | | |
| 70 years and over | 34 | 24 | 58 | 7 | 3 | 20 | 2 | 7 | 1 | 8 | 2 | 2 | 2 | 1 | 1 | 5 | 3 | 8 | | | |
| Unascertained | - | - | - | 12 | 9 | 21 | 7 | 1 | 8 | - | - | - | - | - | - | 14 | 13 | 27 | | | |
| Total | 218 | 149 | 367 | 68 | 195 | 127 | 62 | 40 | 102 | 47 | 19 | 66 | 18 | 9 | 27 | 4 | 2 | 6 | 79 | 70 | 149 |

TABLE 5. *Citizenship of First Admissions.*

| | Males. | Females. | Total. |
|--------------------------------------|--------|----------|--------|
| Citizens by birth | 127 | 68 | 195 |
| Citizens by naturalization | 32 | 32 | 64 |
| Aliens | 53 | 46 | 99 |
| Citizenship unascertained | 6 | 3 | 9 |
| Total | 218 | 149 | 367 |

TABLE 6. *Psychoses of First Admissions.*

| PSYCHOSES. | M. | F. | T. | M. | F. | T. |
|--|----|----|----|-----|-----|-----|
| 1. Traumatic psychoses | | | | 1 | — | 1 |
| 2. Senile psychoses | | | | 22 | 17 | 39 |
| 3. Psychoses with cerebral arteriosclerosis | | | | 24 | 12 | 36 |
| 4. General paralysis | | | | 19 | 5 | 24 |
| 5. Psychoses with cerebral syphilis | | | | 2 | — | 2 |
| 6. Psychoses with Huntington's chorea | | | | — | 1 | 1 |
| 7. Psychoses with brain tumor | | | | | | |
| 8. Psychoses with other brain or nervous diseases, total | | | | 3 | 1 | 4 |
| Other diseases | 3 | 1 | 4 | | | |
| 9. Alcoholic psychoses | | | | 32 | 4 | 36 |
| Korsakow's psychosis | 6 | 1 | 7 | | | |
| Acute hallucinosis | 11 | — | 11 | | | |
| Other types, acute or chronic | 15 | 3 | 18 | | | |
| 10. Psychoses due to drugs and other exogenous toxins, total | | | | | | |
| Psychoses with pellagra | | | | | | |
| 11. Psychoses with other somatic diseases, total | | | | 5 | — | 5 |
| Other diseases or conditions | 5 | — | 5 | | | |
| 12. Manic-depressive psychoses, total | | | | 8 | 13 | 21 |
| Manic type | 3 | 7 | 10 | | | |
| Depressive type | 4 | 3 | 7 | | | |
| Other types | 1 | 3 | 4 | | | |
| 13. Involution melancholia | | | | 11 | 15 | 26 |
| 14. Dementia præcox (schizophrenia) | | | | 50 | 42 | 92 |
| 15. Paranoia and paranoid conditions | | | | 8 | 9 | 17 |
| 16. Epileptic psychoses | | | | 4 | 2 | 6 |
| 17. Psychoneuroses and neuroses, total | | | | 5 | 4 | 9 |
| Hysterical type | 1 | — | 1 | | | |
| Psychasthenic type (anxiety and obsessive forms) | 2 | 2 | 4 | | | |
| Neurasthenic type | 1 | 2 | 3 | | | |
| Other types | 1 | — | 1 | | | |
| 18. Psychoses with psychopathic personality | | | | 2 | 1 | 3 |
| 19. Psychoses with mental deficiency | | | | 5 | 3 | 8 |
| 20. Undiagnosed psychoses | | | | 16 | 20 | 36 |
| 21. Without psychosis, total | | | | 1 | — | 1 |
| Others | 1 | — | 1 | | | |
| Total | | | | 218 | 149 | 367 |

TABLE 7. Race of First Admissions Classified with Reference to Principal Psychoses.

| RACE. | Total. | | | Traumatic. | | | Senile. | | | With cerebral arterio-sclerosis. | | | General paralysis. | | | With cerebral syphilis. | | |
|---------------------------|--------|-----|-----|------------|----|----|---------|----|----|----------------------------------|----|----|--------------------|----|----|-------------------------|----|----|
| | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. |
| African (black) | 6 | 2 | 8 | - | - | - | - | - | - | - | - | - | 1 | - | 1 | - | - | - |
| Armenian | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| English | 76 | 51 | 127 | 1 | - | 1 | 11 | 9 | 20 | 12 | 6 | 18 | 4 | 2 | 6 | - | - | - |
| Finnish | 1 | 3 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| French | 28 | 22 | 50 | - | - | - | 3 | 1 | 4 | - | 1 | 1 | 5 | 2 | 7 | 1 | - | 1 |
| German | - | 5 | 5 | - | - | - | - | - | - | - | 1 | 1 | - | - | - | - | - | - |
| Hebrew | - | 4 | 4 | - | - | - | - | 1 | 1 | - | - | - | - | - | - | - | - | - |
| Irish | 58 | 21 | 79 | - | - | - | 5 | 2 | 7 | 8 | 1 | 9 | 3 | - | 3 | - | - | - |
| Italian ¹ | 8 | 5 | 13 | - | - | - | - | - | - | - | 1 | 1 | 3 | - | 3 | - | - | - |
| Magyar | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Portuguese | 4 | 14 | 18 | - | - | - | - | 2 | 2 | - | - | - | - | - | - | - | - | - |
| Scandinavian ² | 1 | 2 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Scotch | 3 | 1 | 4 | - | - | - | 1 | 1 | 2 | 1 | - | 1 | - | - | - | - | - | - |
| Slavonic ³ | 10 | 8 | 18 | - | - | - | 1 | - | 1 | 1 | - | 1 | 2 | - | 2 | - | - | - |
| Mixed | 16 | 8 | 24 | - | - | - | 1 | 1 | 2 | 1 | 2 | 3 | 1 | 1 | 2 | 1 | - | 1 |
| Race unascertained | 7 | 1 | 8 | - | - | - | - | - | - | 1 | - | 1 | - | - | - | - | - | - |
| Total | 218 | 149 | 367 | 1 | - | 1 | 22 | 17 | 39 | 24 | 12 | 36 | 19 | 5 | 24 | 2 | - | 2 |

¹ Includes "North" and "South."

² Norwegians, Danes and Swedes.

³ Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.

TABLE 7. Race of First Admissions Classified with Reference to Principal Psychoses — Continued.

| RACE. | With Huntington's chorea. | | | With brain tumor. | | | With other brain or nervous diseases. | | | Alcoholic. | | | Due to drugs and other exogenous toxins. | | | With pellagra. | | |
|---------------------------|---------------------------|----|----|-------------------|----|----|---------------------------------------|----|----|------------|----|----|--|----|----|----------------|----|----|
| | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. |
| African (black) | - | - | - | - | - | - | - | - | - | 2 | - | 2 | - | - | - | - | - | - |
| Armenian | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| English | - | - | - | - | - | - | 1 | - | 1 | 8 | - | 8 | - | - | - | - | - | - |
| Finnish | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| French | - | - | - | - | - | - | 1 | 1 | 2 | 6 | - | 6 | - | - | - | - | - | - |
| German | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Hebrew | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Irish | - | - | - | - | - | - | - | - | - | 11 | 2 | 13 | - | - | - | - | - | - |
| Italian ¹ | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Magyar | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Portuguese | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Scandinavian ² | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Scotch | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Slavonic ³ | - | - | - | - | - | - | - | - | - | 2 | 1 | 3 | - | - | - | - | - | - |
| Mixed | - | - | - | - | - | - | 1 | - | 1 | 1 | 1 | 2 | - | - | - | - | - | - |
| Race unascertained | - | - | - | - | - | - | - | - | - | 2 | - | 2 | - | - | - | - | - | - |
| Total | - | 1 | 1 | - | - | - | 3 | 1 | 4 | 32 | 4 | 36 | - | - | - | - | - | - |

¹ Includes "North" and South."

² Norwegians, Danes and Swedes.

³ Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.

TABLE 7. *Race of First Admissions Classified with Reference to Principal Psychoses — Continued.*

| RACE. | With other somatic diseases. | | | Manic- depressive. | | | Involution melan- cholia. | | | Dementia præcox. | | | Paranoia and paranoid conditions. | | | Epileptic psychoses. | | |
|-----------------------|------------------------------------|----|----|-----------------------|----|----|---------------------------------|----|----|---------------------|----|----|--|----|----|-------------------------|----|----|
| | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. |
| an (black) | - | - | - | - | - | - | - | - | - | 2 | 1 | 3 | - | - | - | - | - | - |
| enian | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ish | 2 | - | 2 | 3 | 3 | 6 | 7 | 5 | 12 | 11 | 12 | 23 | 1 | - | 1 | 3 | 1 | 4 |
| ish | - | - | - | - | - | - | - | 1 | 1 | - | 1 | 1 | - | - | - | - | - | - |
| ch | 1 | - | 1 | 1 | 1 | 2 | 2 | 3 | 5 | 4 | 9 | 13 | 2 | 2 | 4 | - | - | - |
| an | - | - | - | - | 1 | 1 | - | - | - | - | 2 | 2 | - | - | - | - | - | - |
| ew | - | - | - | - | - | - | - | - | - | - | 2 | 2 | - | - | - | - | - | - |
| | - | - | - | 3 | 5 | 8 | 1 | 3 | 4 | 18 | - | 18 | 4 | 5 | 9 | - | 1 | 1 |
| an ¹ | 1 | - | 1 | 1 | - | 1 | - | 2 | 2 | 2 | 2 | 4 | - | - | - | - | - | - |
| yar | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - | - | - | - | - |
| uguese | - | - | - | - | - | - | - | 1 | 1 | 3 | 7 | 10 | - | 1 | 1 | - | - | - |
| dinavian ² | - | - | - | - | 1 | 1 | - | - | - | 1 | 1 | 2 | - | - | - | - | - | - |
| ch | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| onic ³ | - | - | - | - | 1 | 1 | 1 | - | 1 | 2 | 2 | 4 | 1 | - | 1 | - | - | - |
| d | 1 | - | 1 | - | 1 | 1 | - | - | - | 5 | 1 | 6 | - | 1 | 1 | 1 | - | 1 |
| unascertained | - | - | - | - | - | - | - | - | - | 2 | 1 | 3 | - | - | - | - | - | - |
| Total | 5 | - | 5 | 8 | 13 | 21 | 11 | 15 | 26 | 50 | 42 | 92 | 8 | 9 | 17 | 4 | 2 | 6 |

¹ Includes "North" and "South."² Norwegians, Danes and Swedes.³ Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.TABLE 7. *Race of First Admissions Classified with Reference to Principal Psychoses — Concluded..*

| RACE. | Psycho- neuroses and neuroses. | | | With psycho- pathic personality. | | | With mental deficiency. | | | Un- diagnosed psychoses. | | | Without psychosis. | | |
|-----------------------|---|----|----|---|----|----|-------------------------------|----|----|--------------------------------|----|----|-----------------------|----|----|
| | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. |
| an (black) | - | - | - | 1 | - | 1 | - | 1 | 1 | - | - | - | - | - | - |
| enian | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - | - |
| ish | 3 | 3 | 6 | - | 1 | 1 | 2 | 2 | 4 | 7 | 7 | 14 | - | - | - |
| ish | - | - | - | - | - | - | - | - | - | 1 | 1 | 2 | - | - | - |
| ch | 1 | - | 1 | - | - | - | - | - | - | 1 | 2 | 3 | - | - | - |
| an | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - | - |
| ew | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 1 | - | 1 | - | - | - | - | - | - | 4 | 2 | 6 | - | - | - |
| an ¹ | - | - | - | - | - | - | - | - | - | 1 | - | 1 | - | - | - |
| yar | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| uguese | - | - | - | - | - | - | - | - | - | 1 | 3 | 4 | - | - | - |
| dinavian ² | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ch | - | - | - | - | - | - | - | - | - | 1 | - | 1 | - | - | - |
| onic ³ | - | 1 | 1 | - | - | - | - | - | - | - | 3 | 3 | - | - | - |
| d | - | - | - | - | - | - | 2 | - | 2 | - | - | - | 1 | - | 1 |
| unascertained | - | - | - | 1 | - | 1 | 1 | - | 1 | - | - | - | - | - | - |
| Total | 5 | 4 | 9 | 2 | 1 | 3 | 5 | 3 | 8 | 16 | 20 | 36 | 1 | - | 1 |

¹ Includes "North" and "South."² Norwegians, Danes and Swedes.³ Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.

TABLE 8. Age of First Admissions Classified with Reference to Principal Psychoses.

| PSYCHOSES. | Total. | | | Under 15 years. | | | 15-19 years. | | | 20-24 years. | | | 25-29 years. | | |
|---|--------|-----|-----|-----------------|----|----|--------------|----|----|--------------|----|----|--------------|----|----|
| | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. |
| 1. Traumatic | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2. Senile | 22 | 17 | 39 | - | - | - | - | - | - | - | - | - | - | - | - |
| 3. With cerebral arteriosclerosis | 24 | 12 | 36 | - | - | - | - | - | - | - | - | - | - | - | - |
| 4. General paralysis | 19 | 5 | 24 | - | - | - | - | - | - | - | - | - | 1 | - | - |
| 5. With cerebral syphilis | 2 | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - |
| 6. With Huntington's chorea | - | 1 | 1 | - | - | - | - | - | - | 1 | 1 | - | - | - | - |
| 7. With brain tumor | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8. With other brain or nervous diseases | 3 | 1 | 4 | - | - | - | - | 1 | 1 | - | - | - | - | - | - |
| 9. Alcoholic | 32 | 4 | 36 | - | - | - | - | - | - | - | - | - | - | - | - |
| 10. Due to drugs and other exogenous toxins | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 11. With pellagra | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 12. With other somatic diseases | 5 | - | 5 | - | - | - | - | - | - | - | - | - | 1 | - | - |
| 13. Manic-depressive | 8 | 13 | 21 | - | - | - | 1 | 1 | 2 | - | 1 | - | 1 | 1 | - |
| 14. Involution melancholia | 11 | 15 | 26 | - | - | - | - | - | - | - | - | - | - | - | - |
| 15. Dementia præcox | 50 | 42 | 92 | 1 | - | 1 | 6 | 2 | 8 | 11 | 9 | 20 | 13 | 9 | 2 |
| 16. Paranoia and paranoid conditions | 8 | 9 | 17 | - | - | - | - | - | - | - | - | - | - | - | - |
| 17. Epileptic psychoses | 4 | 2 | - | - | - | - | - | - | - | - | - | - | 2 | - | - |
| 18. Psychoneuroses and neuroses | 5 | 4 | 9 | - | - | - | - | - | - | 1 | - | 1 | - | - | - |
| 19. With psychopathic personality | 2 | 1 | 3 | - | - | - | - | - | - | - | - | - | - | - | - |
| 20. With mental deficiency | 5 | 3 | 8 | - | - | - | - | - | - | 1 | - | 1 | 2 | 1 | - |
| 21. Undiagnosed psychoses | 16 | 20 | 36 | - | - | - | - | - | - | 1 | - | 1 | - | 1 | - |
| 22. Without psychosis | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| Total | 218 | 149 | 367 | 1 | - | 1 | 7 | 4 | 11 | 14 | 11 | 25 | 20 | 12 | 3 |

TABLE 8. Age of First Admissions Classified with Reference to Principal Psychoses — Continued.

| PSYCHOSES. | 30-34 years. | | | 35-39 years. | | | 40-44 years. | | | 45-49 years. | | | 50-54 years. | | |
|---|--------------|----|----|--------------|----|----|--------------|----|----|--------------|----|----|--------------|----|----|
| | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. |
| 1. Traumatic | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2. Senile | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| 3. With cerebral arteriosclerosis | - | - | - | - | - | - | - | - | - | - | - | - | 2 | - | - |
| 4. General paralysis | 6 | 1 | 7 | 4 | 2 | 6 | 4 | 1 | 5 | 2 | - | 2 | - | - | - |
| 5. With cerebral syphilis | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 6. With Huntington's chorea | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 7. With brain tumor | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8. With other brain or nervous diseases | - | - | - | - | - | - | - | - | - | 1 | - | 1 | 1 | - | - |
| 9. Alcoholic | 5 | - | 5 | 7 | - | 7 | 5 | 1 | 6 | 3 | 1 | 4 | 3 | 1 | - |
| 10. Due to drugs and other exogenous toxins | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 11. With pellagra | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 12. With other somatic diseases | - | - | - | 1 | - | - | - | - | - | - | - | - | 1 | - | - |
| 13. Manic-depressive | - | - | - | 2 | 3 | 5 | 1 | 2 | 3 | 1 | 1 | 2 | - | 2 | - |
| 14. Involution melancholia | - | - | - | - | 1 | 1 | 2 | - | 2 | 1 | 5 | 6 | 4 | 3 | - |
| 15. Dementia præcox | 5 | 9 | 14 | 3 | 3 | 6 | 2 | 4 | 6 | 7 | 2 | 9 | 2 | 4 | - |
| 16. Paranoia and paranoid conditions | 1 | - | 1 | - | 1 | 1 | 2 | 2 | 4 | - | 2 | 2 | 1 | - | - |
| 17. Epileptic psychoses | - | - | - | - | 1 | 1 | 1 | - | 1 | 1 | - | 1 | - | - | - |
| 18. Psychoneuroses and neuroses | - | 1 | 1 | 1 | 1 | 2 | 2 | - | 2 | 1 | 1 | 2 | - | - | - |
| 19. With psychopathic personality | 2 | 1 | 3 | - | - | - | - | - | - | - | - | - | - | - | - |
| 20. With mental deficiency | - | 1 | 1 | - | 1 | 1 | 2 | - | 2 | - | - | - | - | - | - |
| 21. Undiagnosed psychoses | - | 3 | 3 | 1 | 2 | 3 | 3 | 3 | 6 | - | 3 | 3 | 4 | 3 | - |
| 22. Without psychosis | - | - | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - |
| Total | 19 | 16 | 35 | 20 | 15 | 35 | 24 | 13 | 37 | 17 | 15 | 32 | 19 | 13 | 3 |

TABLE 8. *Age of First Admissions Classified with Reference to Principal Psychoses — Concluded.*

| PSYCHOSES. | 55-59 years. | | | 60-64 years. | | | 65-69 years. | | | 70 years and over. | | | Unascertained. | | |
|---|-----------------|----|----|-----------------|----|----|-----------------|----|----|-----------------------|----|----|----------------|----|----|
| | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. |
| Automatic | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| Idiopathic | - | - | - | - | 1 | 1 | 1 | - | 1 | 20 | 16 | 36 | - | - | - |
| With cerebral arteriosclerosis | 3 | 2 | 5 | 5 | 3 | 8 | 2 | 2 | 4 | 12 | 5 | 17 | - | - | - |
| General paralysis | - | - | - | - | 1 | 1 | 2 | - | 2 | - | - | - | - | - | - |
| With cerebral syphilis | 1 | - | 1 | 1 | - | 1 | - | - | - | - | - | - | - | - | - |
| With Huntington's chorea | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| With brain tumor | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| With other brain or nervous diseases | - | - | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - |
| Alcoholic | 4 | 1 | 5 | - | - | - | 5 | - | 5 | - | - | - | - | - | - |
| Due to drugs and other exogenous toxins | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| With pellagra | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| With other somatic diseases | 1 | - | 1 | - | - | - | - | - | - | 1 | - | 1 | - | - | - |
| Manic-depressive | 1 | - | 1 | - | - | - | 1 | - | 1 | - | 2 | 2 | - | - | - |
| Evolution melancholia | 2 | 2 | 4 | 2 | 1 | 3 | - | 3 | 3 | - | - | - | - | - | - |
| Dementia præcox | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Paranoia and paranoid conditions | - | 2 | 2 | 3 | 2 | 5 | 1 | - | 1 | - | - | - | - | - | - |
| Epileptic psychoses | - | - | - | - | 1 | 1 | - | - | - | - | - | - | - | - | - |
| Psychoneuroses and neuroses | - | - | - | - | 1 | 1 | - | - | - | - | - | - | - | - | - |
| With psychopathic personality | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| With mental deficiency | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Undiagnosed psychoses | 3 | 2 | 5 | 3 | 1 | 4 | - | - | - | 1 | 2 | 3 | - | - | - |
| Without psychosis | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Total | 16 | 9 | 25 | 15 | 11 | 26 | 12 | 5 | 17 | 34 | 25 | 59 | - | - | - |

TABLE 9. *Degree of Education of First Admissions Classified with Reference to Principal Psychoses.*

| PSYCHOSES. | Total. | | | Illiterate. | | | Reads and Writes. ¹ | | | Common School. | | | High School. | | | College. | | | Unascertained. | | |
|---|--------|-----|-----|-------------|----|----|--------------------------------|----|----|----------------|----|-----|--------------|----|----|----------|----|----|----------------|----|----|
| | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. |
| 1. Traumatic | 1 | - | 1 | - | - | - | - | - | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - |
| 2. Senile | 22 | 17 | 39 | 4 | 2 | 6 | 5 | 8 | 13 | 9 | 5 | 14 | 1 | 2 | 3 | 1 | - | 1 | 2 | - | 2 |
| 3. With cerebral arteriosclerosis | 24 | 12 | 36 | 1 | - | - | 6 | 2 | 8 | 14 | 7 | 21 | 1 | 3 | 4 | 1 | - | 1 | 1 | - | 1 |
| 4. General paralysis | 19 | 5 | 24 | 2 | - | 2 | 3 | - | 3 | 13 | 4 | 17 | - | 1 | 1 | 1 | - | 1 | - | - | - |
| 5. With cerebral syphilis | 2 | - | 2 | - | - | - | - | - | - | 2 | - | 1 | - | - | - | - | - | - | - | - | - |
| 6. With Huntington's chorea | - | 1 | 1 | - | - | - | - | - | - | - | 1 | 1 | - | - | - | - | - | - | - | - | - |
| 7. With brain tumor | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8. With other brain or nervous diseases | 3 | 1 | 4 | - | - | - | 1 | - | - | 1 | 1 | 2 | - | - | - | - | - | - | 1 | - | 1 |
| 9. Alcoholic | 32 | 4 | 36 | 1 | - | 1 | 7 | - | 7 | 21 | 4 | 25 | 2 | 2 | 2 | - | - | - | 1 | 1 | - |
| 10. Due to drugs and other exogenous toxins | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 11. With pellagra | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 12. With other somatic diseases | 5 | - | 5 | - | - | - | 2 | - | 2 | 3 | - | 3 | - | - | - | - | - | - | - | - | - |
| 13. Manic-depressive | 21 | 13 | 34 | 1 | 2 | 3 | 4 | 4 | 8 | 4 | 4 | 8 | 2 | 1 | 3 | - | 1 | 1 | 1 | 1 | 2 |
| 14. Involution melancholia | 11 | 15 | 26 | - | - | - | 1 | 2 | 3 | 10 | 9 | 19 | - | 1 | 1 | - | - | - | - | - | - |
| 15. Dementia præcox | 50 | 42 | 92 | - | 3 | 3 | 7 | 6 | 13 | 32 | 24 | 56 | 9 | 6 | 15 | 1 | 1 | 2 | 1 | 2 | 3 |
| 16. Paranoia and paranoid conditions | 8 | 9 | 17 | 1 | 1 | 2 | 2 | 2 | 4 | 2 | 6 | 8 | 1 | - | 1 | 1 | - | 1 | 1 | - | 1 |
| 17. Epileptic psychoses | 4 | 2 | 6 | - | - | - | - | 1 | 1 | 4 | 1 | 5 | - | - | - | - | - | - | - | - | - |
| 18. Psychoneuroses and neuroses | 5 | 4 | 9 | - | - | - | - | 1 | 1 | 5 | 1 | 6 | - | 1 | 1 | - | - | 1 | - | 1 | 1 |
| 19. With psychopathic personality | 2 | 1 | 3 | - | - | - | - | - | - | 2 | 1 | 3 | - | - | - | - | - | - | - | - | - |
| 20. With mental deficiency | 5 | 3 | 8 | 2 | 2 | 4 | 1 | - | 1 | 2 | 1 | 3 | - | - | - | - | - | - | - | - | - |
| 21. Undiagnosed psychoses | 16 | 20 | 36 | 3 | 3 | 3 | 4 | 4 | 8 | 11 | 9 | 20 | 1 | 3 | 4 | - | 1 | 1 | - | - | - |
| 22. Without psychosis | 1 | - | 1 | - | - | - | - | - | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - |
| Total | 218 | 149 | 367 | 12 | 16 | 28 | 39 | 30 | 69 | 137 | 78 | 215 | 17 | 18 | 35 | 5 | 3 | 8 | 8 | 4 | 12 |

¹ Includes those who did not complete fourth grade in school.

TABLE 10. *Environment of First Admissions Classified with Reference to Principal Psychoses.*

| PSYCHOSES. | Total. | | | Urban. | | | Rural. | | | Unascertained. | | |
|---|--------|-----|-----|--------|-----|-----|--------|----|----|----------------|----|----|
| | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. |
| Traumatic | 1 | - | 1 | 1 | - | 1 | - | - | - | - | - | - |
| Senile | 22 | 17 | 39 | 20 | 15 | 35 | 2 | 2 | 4 | - | - | - |
| With cerebral arteriosclerosis | 24 | 12 | 36 | 22 | 10 | 32 | 2 | 2 | 4 | - | - | - |
| General paralysis | 19 | 5 | 24 | 16 | 4 | 20 | 3 | 1 | 4 | - | - | - |
| With cerebral syphilis | 2 | - | 2 | 2 | - | 2 | - | - | - | - | - | - |
| With Huntington's chorea | - | 1 | 1 | - | 1 | 1 | - | - | - | - | - | - |
| With brain tumor | - | - | - | - | - | - | - | - | - | - | - | - |
| With other brain or nervous diseases | 3 | 1 | 4 | 1 | 1 | 2 | 1 | - | 1 | 1 | - | 1 |
| Alcoholic | 32 | 4 | 36 | 28 | 4 | 32 | 4 | - | 4 | - | - | - |
| Due to drugs and other exogenous toxins | - | - | - | - | - | - | - | - | - | - | - | - |
| With pellagra | - | - | - | - | - | - | - | - | - | - | - | - |
| With other somatic diseases | 5 | - | 5 | 4 | - | 4 | 1 | - | 1 | - | - | - |
| Manic-depressive | 8 | 13 | 21 | 7 | 12 | 19 | 1 | 1 | 2 | - | - | - |
| Involution melancholia | 11 | 15 | 26 | 11 | 15 | 26 | - | - | - | - | - | - |
| Dementia præcox | 50 | 42 | 92 | 47 | 41 | 88 | 3 | 1 | 4 | - | - | - |
| Paranoia and paranoid conditions | 8 | 9 | 17 | 7 | 8 | 15 | 1 | 1 | 2 | - | - | - |
| Epileptic psychoses | 4 | 2 | 6 | 3 | 2 | 5 | 1 | - | 1 | - | - | - |
| Psychoneuroses and neuroses | 5 | 4 | 9 | 5 | 4 | 9 | - | - | - | - | - | - |
| With psychopathic personality | 2 | 1 | 3 | 1 | 1 | 2 | 1 | - | 1 | - | - | - |
| With mental deficiency | 5 | 3 | 8 | 3 | 2 | 5 | 2 | 1 | 3 | - | - | - |
| Undiagnosed psychoses | 16 | 20 | 36 | 15 | 20 | 35 | 1 | - | 1 | - | - | - |
| Without psychosis | 1 | - | 1 | 1 | - | 1 | - | - | - | - | - | - |
| Total | 218 | 149 | 367 | 194 | 140 | 334 | 23 | 9 | 32 | 1 | - | 1 |

TABLE 11. *Economic Condition of First Admissions Classified with Reference to Principal Psychoses.*

| PSYCHOSES. | Total. | | | Dependent. | | | Marginal. | | | Comfortable. | | | Unascertained. | | |
|---|--------|-----|-----|------------|----|----|-----------|-----|-----|--------------|----|----|----------------|----|----|
| | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. |
| Traumatic | 1 | - | 1 | - | - | - | 1 | - | 1 | - | - | - | - | - | - |
| Senile | 22 | 17 | 39 | 10 | 4 | 14 | 10 | 11 | 21 | 1 | 2 | 3 | 1 | - | 1 |
| With cerebral arteriosclerosis | 24 | 12 | 36 | 5 | 1 | 6 | 18 | 9 | 27 | 1 | 2 | 3 | - | - | - |
| General paralysis | 19 | 5 | 24 | 4 | 1 | 5 | 15 | 4 | 19 | - | - | - | - | - | - |
| With cerebral syphilis | 2 | - | 2 | - | - | - | 2 | - | 2 | - | - | - | - | - | - |
| With Huntington's chorea | - | 1 | 1 | - | - | - | - | 1 | - | - | - | - | - | - | - |
| With brain tumor | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| With other brain or nervous diseases | 3 | 1 | 4 | 1 | - | 1 | 1 | 1 | 2 | - | - | - | 1 | - | 1 |
| Alcoholic | 32 | 4 | 36 | 9 | - | 9 | 21 | 4 | 25 | 2 | - | 2 | - | - | - |
| Due to drugs and other exogenous toxins | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| With pellagra | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| With other somatic diseases | 5 | - | 5 | 3 | - | 3 | 2 | - | 2 | - | - | - | - | - | - |
| Manic-depressive | 8 | 13 | 21 | - | - | - | 7 | 11 | 18 | 1 | 2 | 3 | - | - | - |
| Involution melancholia | 11 | 15 | 26 | - | - | - | 11 | 13 | 24 | - | 1 | 1 | - | 1 | 1 |
| Dementia præcox | 50 | 42 | 92 | 6 | 2 | 8 | 43 | 38 | 81 | 1 | - | 1 | - | 2 | 2 |
| Paranoia and paranoid conditions | 8 | 9 | 17 | - | - | - | 7 | 9 | 16 | - | - | - | 1 | - | 1 |
| Epileptic psychoses | 4 | 2 | 6 | - | - | - | 4 | 2 | 6 | - | - | - | - | - | - |
| Psychoneuroses and neuroses | 5 | 4 | 9 | 1 | - | 1 | 4 | 4 | 8 | - | - | - | - | - | - |
| With psychopathic personality | 2 | 1 | 3 | 1 | - | 1 | 1 | 1 | 2 | - | - | - | - | - | - |
| With mental deficiency | 5 | 3 | 8 | 3 | 1 | 4 | 2 | 2 | 4 | - | - | - | - | - | - |
| Undiagnosed psychoses | 16 | 20 | 36 | 4 | 2 | 6 | 11 | 18 | 29 | 1 | - | 1 | - | - | - |
| Without psychosis | 1 | - | 1 | - | - | - | 1 | - | 1 | - | - | - | - | - | - |
| Total | 218 | 149 | 367 | 47 | 11 | 58 | 161 | 128 | 289 | 7 | 7 | 14 | 3 | 3 | 6 |

TABLE 12. *Use of Alcohol by First Admissions Classified with Reference to Principal Psychoses.*

| PSYCHOSES. | Total. | | | Abstinent. | | | Temperate. | | | Intemperate. | | | Unascertained. | | |
|---|--------|-----|-----|------------|-----|-----|------------|----|----|--------------|----|----|----------------|----|----|
| | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. |
| 1. Traumatic | 1 | - | 1 | 1 | - | 1 | - | - | - | - | - | - | - | - | - |
| 2. Senile | 22 | 17 | 39 | 8 | 16 | 24 | 5 | 1 | 6 | 9 | - | 9 | - | - | - |
| 3. With cerebral arteriosclerosis | 24 | 12 | 36 | 10 | 11 | 21 | 7 | 1 | 8 | 7 | - | 7 | - | - | - |
| 4. General paralysis | 19 | 5 | 24 | 4 | 2 | 6 | 8 | 1 | 9 | 6 | 1 | 7 | 1 | 1 | 1 |
| 5. With cerebral syphilis | 2 | - | 2 | 1 | - | 1 | - | - | - | 1 | - | 1 | - | - | - |
| 6. With Huntington's chorea | - | 1 | 1 | - | 1 | 1 | - | - | - | - | - | - | - | - | - |
| 7. With brain tumor | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8. With other brain or nervous diseases | 3 | 1 | 4 | 2 | 1 | 3 | - | - | - | 1 | - | 1 | - | - | - |
| 9. Alcoholic | 32 | 4 | 36 | 2 | - | 2 | 1 | - | 1 | 29 | 4 | 33 | - | - | - |
| 10. Due to drugs and other exogenous toxins | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 11. With pellagra | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 12. With other somatic diseases | 5 | - | 5 | - | - | - | - | - | - | 5 | - | 5 | - | - | - |
| 13. Manic-depressive | 8 | 13 | 21 | 5 | 8 | 13 | 2 | 4 | 6 | 1 | 1 | 2 | - | - | - |
| 14. Involution melancholia | 11 | 15 | 26 | 3 | 13 | 16 | 4 | 1 | 5 | 4 | - | 4 | - | 1 | 1 |
| 15. Dementia præcox | 50 | 42 | 92 | 29 | 29 | 58 | 11 | 9 | 20 | 10 | 1 | 11 | - | - | 3 |
| 16. Paranoia and paranoid conditions | 8 | 9 | 17 | 2 | 5 | 7 | 3 | 3 | 6 | 1 | 1 | 2 | 2 | - | - |
| 17. Epileptic psychoses | 4 | 2 | 6 | 3 | 2 | 5 | - | - | - | 1 | - | 1 | - | - | - |
| 18. Psychoneuroses and neuroses | 5 | 4 | 9 | 3 | 4 | 7 | 2 | - | 2 | - | - | - | - | - | - |
| 19. With psychopathic personality | 2 | 1 | 3 | - | 1 | 1 | 2 | - | 2 | - | - | - | - | - | - |
| 20. With mental deficiency | 5 | 3 | 8 | 3 | 2 | 5 | 1 | - | 1 | 1 | 1 | 2 | - | - | - |
| 21. Undiagnosed psychoses | 6 | 20 | 36 | 8 | 14 | 22 | 2 | 3 | 5 | 6 | 3 | 9 | - | - | - |
| 22. Without psychosis | 1 | - | 1 | - | - | - | - | - | - | 1 | - | 1 | - | - | - |
| Total | 218 | 149 | 367 | 84 | 109 | 193 | 48 | 23 | 71 | 83 | 12 | 95 | 3 | 5 | 5 |

TABLE 13. Marital Condition of First Admissions Classified with Reference to Principal Psychoses.

| Psychoses. | Total. | | | Single. | | | Married. | | | Widowed. | | | Separated. | | | Divorced. | | | Unascertained. | | |
|---|--------|-----|-----|---------|----|-----|----------|----|-----|----------|----|----|------------|----|----|-----------|----|----|----------------|----|----|
| | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. |
| 1. Traumatic | 1 | — | 1 | — | — | — | 1 | — | 1 | — | — | — | — | — | — | — | — | — | — | — | — |
| 2. Senile | 22 | 17 | 39 | 3 | 2 | 5 | 8 | 4 | 12 | 10 | 11 | 21 | — | — | — | — | 1 | 1 | — | — | — |
| 3. With cerebral arteriosclerosis | 24 | 12 | 36 | 6 | 3 | 9 | 7 | 4 | 11 | 10 | 4 | 14 | — | — | — | — | 1 | 1 | 2 | — | — |
| 4. General paralysis | 19 | 5 | 24 | 8 | — | 8 | 10 | 3 | 13 | 1 | — | 1 | — | — | — | — | 2 | 2 | — | — | — |
| 5. With cerebral syphilis | 2 | — | 2 | — | — | — | 2 | — | 2 | — | — | — | — | — | — | — | — | — | — | — | — |
| 6. With Huntington's chorea | — | 1 | 1 | — | 1 | 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 7. With brain tumor | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 8. With other brain or nervous diseases | 3 | 1 | 4 | — | 1 | 1 | 3 | — | 3 | — | — | — | — | — | — | — | — | — | — | — | — |
| 9. Alcoholic | 32 | 4 | 36 | 12 | — | 12 | 14 | 2 | 16 | 5 | 1 | 6 | 1 | 1 | 2 | — | — | — | — | — | — |
| 10. Due to drugs and other exogenous toxins | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 11. With pellagra | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 12. With other somatic diseases | 5 | — | 5 | 2 | — | 2 | 2 | — | 2 | 1 | — | 1 | — | — | — | — | — | — | — | — | — |
| 13. Manic-depressive | 8 | 13 | 21 | 6 | 2 | 8 | 2 | 9 | 11 | 2 | 2 | 2 | — | — | — | — | — | — | — | — | — |
| 14. Involution melancholia | 11 | 15 | 26 | 1 | 2 | 3 | 7 | 8 | 15 | 2 | 5 | 7 | — | — | — | — | 1 | 1 | — | — | — |
| 15. Dementia præcox | 50 | 42 | 92 | 35 | 14 | 49 | 13 | 22 | 35 | — | 2 | 2 | 1 | 1 | 2 | — | 1 | 1 | — | 2 | 3 |
| 16. Paranoia and paranoid conditions | 8 | 9 | 17 | 1 | 1 | 2 | 7 | 8 | 15 | — | — | — | — | — | — | — | — | — | — | — | — |
| 17. Epileptic psychoses | 4 | 2 | 6 | 2 | 2 | 4 | 2 | 2 | 4 | — | — | — | — | — | — | — | — | — | — | — | — |
| 18. Psychoneuroses and neuroses | 5 | 4 | 9 | 2 | 1 | 3 | 3 | 3 | 6 | — | — | — | — | — | — | — | — | — | — | — | — |
| 19. With psychopathic personality | 2 | 1 | 3 | 1 | — | 1 | 1 | 1 | 2 | — | — | — | — | — | — | — | — | — | — | — | — |
| 20. With mental deficiency | 5 | 3 | 8 | 5 | 3 | 8 | 5 | — | — | — | — | — | — | — | — | — | 1 | 1 | 2 | — | — |
| 21. Undiagnosed psychoses | 16 | 20 | 36 | 7 | 2 | 9 | — | — | — | — | — | — | — | — | — | — | 1 | 1 | — | — | — |
| 22. Without psychosis | 1 | — | 1 | — | — | — | 1 | — | 1 | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | 218 | 149 | 367 | 91 | 32 | 123 | 88 | 80 | 168 | 32 | 28 | 60 | 2 | 2 | 4 | 4 | 5 | 9 | 1 | 2 | 3 |

TABLE 14. Psychoses of Readmissions.

| PSYCHOSES. | Males. | Females. | Total. |
|---|--------|----------|--------|
| 1. Traumatic psychoses | — | — | — |
| 2. Senile psychoses | — | 1 | 1 |
| 3. Psychoses with cerebral arteriosclerosis | — | — | — |
| 4. General paralysis | 2 | — | 2 |
| 5. Psychoses with cerebral syphilis | — | — | — |
| 6. Psychoses with Huntington's chorea | — | — | — |
| 7. Psychoses with brain tumor | — | — | — |
| 8. Psychoses with other brain or nervous diseases | 1 | — | 1 |
| 9. Alcoholic psychoses | 5 | — | 5 |
| 10. Psychoses due to drugs and other exogenous toxins | — | — | — |
| 11. Psychoses with pellagra | — | — | — |
| 12. Psychoses with other somatic diseases | — | — | — |
| 13. Manic-depressive psychoses | 4 | 11 | 15 |
| 14. Involution melancholia | 1 | 4 | 5 |
| 15. Dementia præcox | 8 | 12 | 20 |
| 16. Paranoia and paranoid conditions | 1 | 2 | 3 |
| 17. Epileptic psychoses | 1 | 1 | 2 |
| 18. Psychoneuroses and neuroses | — | 1 | 1 |
| 19. Psychoses with psychopathic personality | — | — | — |
| 20. Psychoses with mental deficiency | 3 | 1 | 4 |
| 21. Undiagnosed psychoses | 4 | 5 | 9 |
| 22. Without psychosis | 1 | — | 1 |
| Total | 31 | 38 | 69 |

TABLE 15. Discharges of Patients Classified with Reference to Principal Psychoses and Condition on Discharge.

| PSYCHOSES. | Total. | | | Recovered. | | | Improved. | | | Unimproved | | |
|---|--------|----|-----|------------|----|----|-----------|----|-----|------------|----|----|
| | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. |
| 1. Traumatic | — | — | — | — | — | — | — | — | — | — | — | — |
| 2. Senile | — | 1 | 1 | — | — | — | — | 1 | 1 | — | — | — |
| 3. With cerebral arteriosclerosis | 4 | 2 | 6 | — | — | — | 1 | 1 | 2 | 3 | 1 | — |
| 4. General paralysis | 4 | 2 | 6 | — | — | — | 3 | 1 | 4 | 1 | 1 | — |
| 5. With cerebral syphilis | — | — | — | — | — | — | — | — | — | — | — | — |
| 6. With Huntington's chorea | — | — | — | — | — | — | — | — | — | — | — | — |
| 7. With brain tumor | — | — | — | — | — | — | — | — | — | — | — | — |
| 8. With other brain or nervous diseases | 1 | — | 1 | — | — | — | 1 | — | 1 | — | — | — |
| 9. Alcoholic | 26 | 2 | 28 | 21 | 1 | 22 | 4 | 1 | 5 | 1 | — | — |
| 10. Due to drugs and other exogenous toxins | — | — | — | — | — | — | — | — | — | — | — | — |
| 11. With pellagra | — | — | — | — | — | — | — | — | — | — | — | — |
| 12. With other somatic diseases | 1 | 2 | 3 | 1 | 2 | 3 | — | — | — | — | — | — |
| 13. Manic-depressive | 12 | 17 | 29 | 6 | 7 | 13 | 6 | 9 | 15 | — | 1 | — |
| 14. Involution melancholia | 2 | 8 | 10 | 1 | 3 | 4 | 1 | 5 | 6 | — | — | — |
| 15. Dementia præcox | 26 | 39 | 65 | 1 | 1 | 2 | 19 | 34 | 53 | 6 | 4 | 10 |
| 16. Paranoia and paranoid conditions | — | 3 | 3 | — | — | — | — | 1 | 1 | — | 2 | — |
| 17. Epileptic psychoses | 1 | 2 | 3 | — | 1 | 1 | — | 1 | 1 | 1 | — | — |
| 18. Psychoneuroses and neuroses | 3 | 1 | 4 | — | — | — | 2 | 1 | 3 | 1 | — | — |
| 19. With psychopathic personality | 2 | 1 | 3 | — | — | — | 1 | 1 | 2 | 1 | — | — |
| 20. With mental deficiency | 1 | 3 | 4 | — | — | — | 1 | 2 | 3 | — | 1 | — |
| 21. Undiagnosed psychoses | 9 | 8 | 17 | 3 | 2 | 5 | 5 | 5 | 10 | 1 | 1 | — |
| 22. Without psychosis | 1 | 2 | 3 | — | — | — | — | — | — | — | — | — |
| Total | 93 | 93 | 186 | 33 | 17 | 50 | 44 | 63 | 107 | 15 | 11 | 26 |

TABLE 16. Causes of Death of Patients Classified with Reference to Principal Psychoses.

| CAUSES OF DEATH. | Total. | | Senile. | | With cerebral arterio-sclerosis. | | General paralysis. | | Alcoholic. | | Manic-depressive. | | Involution melancholia. | |
|--|--------|----|---------|----|----------------------------------|----|--------------------|----|------------|----|-------------------|----|-------------------------|----|
| | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. |
| <i>Epidemic, Endemic and Infectious Diseases.</i> | | | | | | | | | | | | | | |
| Erysipelas | — | 1 | — | — | — | 1 | — | — | — | — | — | — | — | — |
| Tuberculosis of the respiratory system | 5 | 12 | — | 1 | — | — | — | — | — | — | — | — | — | — |
| Tuberculosis of other organs | 1 | — | 1 | 1 | — | — | — | — | — | — | — | — | — | — |
| <i>General Diseases Not Included in Class I.</i> | | | | | | | | | | | | | | |
| Cancer and other malignant tumors | 3 | 5 | — | 2 | — | 1 | — | — | 2 | — | — | — | — | — |
| Diabetes | — | 2 | — | 1 | — | — | — | — | — | — | — | — | — | — |
| Alcoholism (acute or chronic) | 1 | — | — | — | — | — | — | — | 1 | — | — | — | — | — |
| Other general diseases | 3 | 2 | — | 1 | — | — | — | — | — | — | — | — | 1 | 1 |
| <i>Diseases of the Nervous System.</i> | | | | | | | | | | | | | | |
| Meningitis (non-epidemic) | — | 1 | — | — | — | — | — | — | — | — | 1 | 1 | — | — |
| Cerebral hemorrhage, apoplexy | 1 | 1 | — | — | — | 1 | — | — | — | — | — | — | — | — |
| General paralysis of the insane | 20 | 5 | — | — | — | 25 | 19 | 5 | — | — | — | — | — | — |
| Epilepsy | 1 | — | — | — | — | 1 | — | — | — | — | — | — | — | — |
| Other diseases of the nervous system | 1 | — | — | — | — | 1 | — | — | — | — | — | — | — | — |
| <i>Diseases of the Circulatory System.</i> | | | | | | | | | | | | | | |
| Endocarditis and myocarditis | 18 | 19 | 5 | 2 | 5 | 4 | — | — | 3 | — | 1 | 1 | — | 4 |
| Arteriosclerosis | 29 | 22 | 9 | 9 | 12 | 7 | — | — | 3 | — | — | — | 1 | 2 |
| Other diseases of the circulatory system | — | 1 | — | — | — | 19 | — | — | — | — | — | — | — | 3 |
| <i>Diseases of the Respiratory System.</i> | | | | | | | | | | | | | | |
| Bronchopneumonia | 3 | 2 | — | 1 | — | — | — | — | 1 | — | — | — | 1 | 1 |
| Lobar pneumonia | 1 | 5 | 1 | — | — | 1 | — | — | — | — | — | 2 | — | 2 |
| Pleurisy | 1 | — | — | — | — | — | — | — | 1 | — | — | — | — | — |
| Other diseases of the respiratory system (tuberculosis excepted) | 2 | — | 1 | — | — | — | — | — | — | — | — | — | — | — |
| <i>Diseases of the Digestive System.</i> | | | | | | | | | | | | | | |
| Diarrhea and enteritis | — | 2 | — | — | — | — | — | — | — | — | 1 | 1 | — | — |
| <i>Non-Veneral Diseases of Genito-Urinary System and Anæmia.</i> | | | | | | | | | | | | | | |
| Nephritis | 4 | — | — | — | 2 | — | — | — | — | — | — | — | 1 | — |
| Diseases of prostate | 1 | — | — | — | 1 | — | — | — | — | — | — | — | — | — |
| <i>External Causes.</i> | | | | | | | | | | | | | | |
| Other external causes | 1 | — | 1 | — | — | — | — | — | — | — | — | — | — | — |
| Total | 96 | 80 | 18 | 17 | 21 | 15 | 19 | 5 | 11 | — | 1 | 3 | 4 | 12 |

TABLE 16. *Causes of Death of Patients Classified with Reference to Principal Psychoses — Concluded.*

| CAUSES OF DEATH. | Dementia præcox. | | | Paranoia and paranoid conditions. | | | Epileptic psychoses. | | | Psycho-neuroses and neuroses. | | | With psychopathic personality. | | | With mental deficiency. | | | All other psychoses. ¹ | | |
|--|------------------|----|----|-----------------------------------|----|----|----------------------|----|----|-------------------------------|----|----|--------------------------------|----|----|-------------------------|----|----|-----------------------------------|----|----|
| | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. |
| <i>Epidemic, Endemic and Infectious Diseases.</i> | | | | | | | | | | | | | | | | | | | | | |
| Erysipelas | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Tuberculosis of the respiratory system | 2 | 10 | 12 | — | 1 | 1 | — | — | — | — | — | — | — | — | — | 1 | — | 1 | — | — | 2 |
| Tuberculosis of other organs | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| <i>General Diseases Not Included in Class I.</i> | | | | | | | | | | | | | | | | | | | | | |
| Cancer and other malignant tumors | — | 1 | 1 | — | — | — | — | — | — | 1 | 1 | — | — | — | — | 1 | — | 1 | — | — | — |
| Diabetes | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Alcoholism (acute or chronic) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Other general diseases | 1 | — | 1 | — | — | — | — | — | — | — | — | — | — | — | — | 1 | 1 | 2 | — | — | — |
| <i>Diseases of the Nervous System.</i> | | | | | | | | | | | | | | | | | | | | | |
| Meningitis (non-epidemic) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Cerebral hemorrhage, apoplexy | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General paralysis of the insane | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Epilepsy | — | — | — | — | — | 1 | — | 1 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Other diseases of the nervous system | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| <i>Diseases of the Circulatory System.</i> | | | | | | | | | | | | | | | | | | | | | |
| Endocarditis and myocarditis | 2 | 2 | 4 | — | 1 | 1 | — | — | — | — | — | — | — | — | — | 1 | — | 1 | — | — | — |
| Arteriosclerosis | 2 | 1 | 3 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Other diseases of the circulatory system | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| <i>Diseases of the Respiratory System.</i> | | | | | | | | | | | | | | | | | | | | | |
| Bronchopneumonia | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Lobar pneumonia | — | 2 | 2 | — | — | — | — | — | — | — | — | — | — | — | — | 1 | — | 1 | — | — | — |
| Pleurisy | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Other diseases of the respiratory system (tuberculosis excepted) | 1 | — | 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| <i>Diseases of the Digestive System.</i> | | | | | | | | | | | | | | | | | | | | | |
| Diarrhea and enteritis | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| <i>Non-Veneral Diseases of Genito-Urinary System and Annexa.</i> | | | | | | | | | | | | | | | | | | | | | |
| Nephritis | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Diseases of prostate | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| <i>External Causes.</i> | | | | | | | | | | | | | | | | | | | | | |
| Other external causes | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | 8 | 16 | 24 | — | 2 | 2 | 1 | — | 1 | — | 2 | 2 | — | — | — | 5 | 1 | 6 | 8 | 11 | 19 |

¹ Includes group 22, "without psychosis."

TABLE 17. Age of Patients at Time of Death Classified with Reference to Principal Psychoses.

| Psychoses. | Total | | | Under 15 years. | | 15-19 years. | | 20-24 years. | | 25-29 years. | | 30-34 years. | | 35-39 years. | | 40-44 years. | | |
|---|-------|----|-----|-----------------|----|--------------|----|--------------|----|--------------|----|--------------|----|--------------|----|--------------|----|----|
| | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. |
| 1. Traumatic | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2. Senile | 18 | 17 | 35 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 3. With cerebral arteriosclerosis | 21 | 15 | 36 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4. General paralysis | 19 | 5 | 24 | - | - | - | - | - | - | 1 | - | 2 | - | 4 | - | 3 | 2 | 5 |
| 5. With cerebral syphilis | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 6. With Huntington's chorea | - | 2 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 7. With brain tumor | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8. With other brain or nervous diseases | 1 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 9. Alcoholic | 11 | - | 11 | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - |
| 10. Due to drugs and other exogenous toxins | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 11. With pellagra | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - |
| 12. With other somatic diseases | 3 | 2 | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 13. Manic-depressive | 1 | 3 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 14. Involution melancholia | 4 | 8 | 12 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 15. Dementia præcox | 8 | 16 | 24 | - | - | - | - | 1 | 1 | - | 2 | 1 | 2 | 3 | 1 | 1 | 4 | 4 |
| 16. Paranoia and paranoid conditions | - | 2 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 17. Epileptic psychoses | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 18. Psychoneuroses and neuroses | - | 2 | 2 | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - |
| 19. With psychopathic personality | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 20. With mental deficiency | 5 | 1 | 6 | - | - | - | - | - | - | 1 | - | 1 | 1 | 1 | - | - | 1 | 1 |
| 21. Undiagnosed psychoses | 3 | 6 | 9 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 22. Without psychosis | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Total | 96 | 80 | 176 | - | - | - | - | 1 | 1 | - | 4 | - | 4 | 5 | 2 | 7 | 3 | 10 |

TABLE 17. Age of Patients at Time of Death Classified with Reference to Principal Psychoses — Concluded.

| PSYCHOSES. | 44-49 years. | | 50-54 years. | | 55-59 years. | | 60-64 years. | | 65-69 years. | | 70 years and over. | | Unascertained. | |
|---|--------------|----|--------------|----|--------------|----|--------------|----|--------------|----|--------------------|----|----------------|----|
| | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. |
| 1. Traumatic | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2. Senile | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 3. With cerebral arteriosclerosis | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4. General paralysis | 4 | - | 2 | 1 | 1 | 1 | 1 | - | 3 | 1 | 9 | 20 | - | - |
| 5. With cerebral syphilis | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 6. With Huntington's chorea | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 7. With brain tumor | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8. With other brain or nervous diseases | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 9. Alcoholic | 1 | - | - | - | - | - | 4 | - | 3 | - | 1 | 1 | - | - |
| 10. Due to drugs and other exogenous toxins | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 11. With pellagra | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 12. With other somatic diseases | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 13. Manic-depressive | 1 | 1 | 1 | 1 | 1 | 4 | - | - | - | - | - | - | - | - |
| 14. Involution melancholia | 2 | 2 | 3 | 1 | 1 | 3 | - | - | - | - | - | - | - | - |
| 15. Dementia præcox | - | - | - | 1 | 3 | 3 | 1 | - | 1 | 1 | 1 | 3 | - | - |
| 16. Paranoia and paranoid conditions | 1 | - | - | 1 | 1 | - | - | - | - | - | - | - | - | - |
| 17. Epileptic psychoses | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 18. Psychoneuroses and neuroses | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 19. With psychopathic personality | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 20. With mental deficiency | - | 1 | - | 1 | - | - | 1 | - | - | - | 2 | 2 | - | - |
| 21. Undiagnosed psychoses | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - |
| 22. Without psychosis | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Total | 11 | 4 | 8 | 7 | 5 | 9 | 9 | 9 | 11 | 9 | 35 | 29 | 64 | - |

TABLE 18. Total Duration of Hospital Life of Patients Dying in Hospital Classified According to Principal Psychoses.

| PSYCHOSES. | Total. | | | Less than 1 month. | | | 1-3 months. | | | 4-7 months. | | | 8-12 months. | | | 1-2 years. | | | 3-4 years. | | |
|---|--------|----|-----|--------------------|----|----|-------------|----|----|-------------|----|----|--------------|----|----|------------|----|----|------------|----|----|
| | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. |
| 1. Traumatic | - | 17 | 35 | - | 6 | 4 | - | 2 | 6 | - | 2 | 2 | - | 2 | 4 | - | 4 | 4 | - | 1 | 1 |
| 2. Senile | 21 | 15 | 36 | 5 | 1 | 6 | 6 | 4 | 10 | - | 4 | 4 | 2 | 4 | 5 | - | 4 | 6 | - | 1 | 2 |
| 3. With cerebral arteriosclerosis | 19 | 5 | 24 | 2 | - | 2 | 5 | 4 | 5 | - | 2 | 2 | 1 | 1 | 1 | - | 7 | 7 | - | 3 | 1 |
| 4. General paralysis | 1 | 2 | 3 | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | 4 |
| 5. With cerebral syphilis | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 6. With Huntington's chorea | - | 2 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 7. With brain tumor | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8. With other brain or nervous diseases | 1 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 9. Alcoholic | 11 | - | 11 | - | - | - | 2 | 1 | 2 | - | 1 | - | 1 | - | 1 | - | 3 | 3 | - | 1 | 1 |
| 10. Due to drugs and other exogenous toxins | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 11. With pellagra | - | 2 | 5 | - | 1 | - | - | - | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - |
| 12. With other somatic diseases | 3 | 3 | 6 | - | - | - | - | - | - | - | 1 | - | - | - | - | - | 1 | 1 | - | - | - |
| 13. Manic-depressive | 1 | 8 | 9 | - | - | 1 | 1 | 1 | 2 | - | - | - | - | - | - | - | 1 | 2 | - | - | 2 |
| 14. Involution melancholia | 4 | 16 | 20 | 3 | 2 | 5 | 1 | 1 | 1 | - | 1 | 1 | - | - | - | - | 3 | 3 | - | 2 | 3 |
| 15. Dementia præcox | 8 | 2 | 10 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 16. Paranoia and paranoid conditions | - | 1 | 1 | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 17. Epileptic psychoses | - | 2 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 18. Psychoneuroses and neuroses | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 19. With psychopathic personality | - | 1 | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 20. With mental deficiency | 5 | 6 | 11 | 2 | 3 | 5 | 1 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | - | - |
| 21. Undiagnosed psychoses | 3 | 6 | 9 | - | - | - | - | - | - | - | 2 | 2 | - | - | - | - | - | - | - | - | - |
| 22. Without psychosis | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Total | 96 | 80 | 176 | 20 | 12 | 32 | 18 | 12 | 30 | 11 | 5 | 16 | 4 | 7 | 11 | 22 | 16 | 38 | 8 | 5 | 13 |

TABLE 18. Total Duration of Hospital Life of Patients Dying in-Hospital Classified According to Principal Psychoses — Concluded.

| PSYCHOSES. | 5-6 years. | | 7-8 years. | | 9-10 years. | | 11-12 years. | | 13-14 years. | | 15-19 years. | | 20 years and over. | |
|---|------------|----|------------|----|-------------|----|--------------|----|--------------|----|--------------|----|--------------------|----|
| | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. |
| 1. Traumatic | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2. Senile | - | 2 | - | - | - | - | - | - | - | - | - | - | 1 | - |
| 3. With cerebral arteriosclerosis | 1 | 2 | - | - | - | - | - | - | - | - | - | - | - | - |
| 4. General paralysis | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 5. With cerebral syphilis | - | - | - | - | - | - | 1 | 1 | - | - | - | - | - | - |
| 6. With Huntington's chorea | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 7. With brain tumor | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8. With other brain or nervous diseases | - | - | - | - | - | - | 1 | 1 | - | - | - | - | - | - |
| 9. Alcoholic | 2 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| 10. Due to drugs and other exogenous toxins | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 11. With pellagra | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 12. With other somatic diseases | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 13. Manic-depressive | - | - | - | - | - | - | - | - | - | - | - | - | 2 | - |
| 14. Involution melancholia | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - |
| 15. Dementia præcox | 1 | 1 | 1 | - | 1 | 3 | - | - | 1 | 1 | 1 | 2 | - | 1 |
| 16. Paranoia and paranoid conditions | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 17. Epileptic psychoses | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 18. Psychoneuroses and neuroses | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 19. With psychopathic personality | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 20. With mental deficiency | - | 1 | 1 | - | - | - | - | 1 | - | - | - | - | 1 | - |
| 21. Undiagnosed psychoses | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 22. Without psychosis | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Total | 4 | 8 | 2 | - | 1 | 3 | 1 | 2 | 1 | 4 | 1 | 3 | 3 | 6 |

TABLE 19. *Family Care Department.*

| | Male. | Female. | Total. |
|---|--------|---------|--------|
| ing in Family Care Oct. 1, 1927 | 1 | 7 | 8 |
| t from Family Care Oct. 1, 1927 | - | - | - |
| ed during the year | - | 1 | 1 |
| number of cases within the year | 1 | 8 | 9 |
| ed within the year | 1 | 2 | 3 |
| ned to institution | 1 | 2 | 3 |
| arged | - | - | - |
| isit | - | - | - |
| ing in Family Care Sept. 30, 1928 | - | 6 | 6 |
| orted by State | - | 4 | 4 |
| te | - | 1 | 1 |
| upporting | - | 1 | 1 |
| r of different persons within the year | 1 | 3 | 4 |
| r of different persons dismissed | 1 | 2 | 3 |
| r of different persons admitted | - | 1 | 1 |
| e daily number in Family Care during the year | 1.0000 | 7.9019 | 8.9019 |
| orted by State | 1.0000 | 5.9019 | 6.9019 |
| te | - | 1.0000 | 1.0000 |
| upporting | - | 1.0000 | 1.0000 |

